

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112923\
 Data File : VN080309.D
 Acq On : 29 Nov 2023 15:08
 Operator : JC\MD
 Sample : VN1129MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2023
 Supervised By : Mahesh Dadoda 11/30/2023

Quant Time: Nov 30 04:45:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	228478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	361257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	177656	47.092	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.180%		
35) Dibromofluoromethane	8.165	113	129586	48.614	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.220%		
50) Toluene-d8	10.565	98	466447	48.543	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.080%		
62) 4-Bromofluorobenzene	12.847	95	173580	47.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	60942	17.907	ug/l	97
3) Chloromethane	2.365	50	45584	17.815	ug/l	98
4) Vinyl Chloride	2.518	62	49552	18.299	ug/l	99
5) Bromomethane	2.959	94	33128	18.021	ug/l	92
6) Chloroethane	3.130	64	33807	19.103	ug/l #	87
7) Trichlorofluoromethane	3.501	101	106208	18.802	ug/l	99
8) Diethyl Ether	3.959	74	30984	18.861	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	48116	18.636	ug/l	95
10) Methyl Iodide	4.589	142	52205	18.710	ug/l #	86
11) Tert butyl alcohol	5.512	59	34760	83.787	ug/l	100
12) 1,1-Dichloroethene	4.342	96	44249	18.324	ug/l #	83
13) Acrolein	4.183	56	26212	71.394	ug/l	93
14) Allyl chloride	5.024	41	54498	17.937	ug/l	92
15) Acrylonitrile	5.712	53	103923	93.313	ug/l	99
16) Acetone	4.424	43	95742	75.560	ug/l	95
17) Carbon Disulfide	4.712	76	113367	15.723	ug/l	98
18) Methyl Acetate	5.018	43	76052	18.680	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	168288	19.734	ug/l	97
20) Methylene Chloride	5.277	84	54187	20.421	ug/l	88
21) trans-1,2-Dichloroethene	5.795	96	51145	19.279	ug/l	96
22) Diisopropyl ether	6.665	45	136205	20.263	ug/l	95
23) Vinyl Acetate	6.600	43	363866	90.040	ug/l	95
24) 1,1-Dichloroethane	6.571	63	93923	19.184	ug/l	99
25) 2-Butanone	7.483	43	122835	81.593	ug/l	90
26) 2,2-Dichloropropane	7.489	77	91551	18.848	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	57240	19.031	ug/l	86
28) Bromochloromethane	7.806	49	39305	20.421	ug/l	96
29) Tetrahydrofuran	7.841	42	76196	94.273	ug/l	89
30) Chloroform	7.965	83	108418	19.813	ug/l	98
31) Cyclohexane	8.253	56	69373	16.909	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	102879	19.278	ug/l	98
36) 1,1-Dichloropropene	8.371	75	73362	19.009	ug/l	95
37) Ethyl Acetate	7.559	43	49115	18.348	ug/l #	78
38) Carbon Tetrachloride	8.365	117	94352	19.266	ug/l	92
39) Methylcyclohexane	9.600	83	65671	17.648	ug/l	88
40) Benzene	8.606	78	213255	19.443	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27919	18.991	ug/l	95
42) 1,2-Dichloroethane	8.671	62	88793	19.787	ug/l	98
43) Isopropyl Acetate	8.688	43	84698	16.259	ug/l	96
44) Trichloroethene	9.353	130	56533	19.649	ug/l	96
45) 1,2-Dichloropropane	9.624	63	52209	20.482	ug/l	95
46) Dibromomethane	9.706	93	38669	20.041	ug/l	91
47) Bromodichloromethane	9.888	83	87180	20.540	ug/l	98
48) Methyl methacrylate	9.683	41	51275	19.100	ug/l	89
49) 1,4-Dioxane	9.700	88	15606	349.439	ug/l	88
51) 4-Methyl-2-Pentanone	10.447	43	247791	91.878	ug/l	99
52) Toluene	10.630	92	138058	20.112	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	83252	19.091	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	89603	20.112	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	54256	20.709	ug/l	96
56) Ethyl methacrylate	10.877	69	51955	19.412	ug/l	93
57) 1,3-Dichloropropane	11.165	76	92158	20.147	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	110915	73.559	ug/l	95
59) 2-Hexanone	11.200	43	179439	82.800	ug/l	95
60) Dibromochloromethane	11.359	129	64151	20.452	ug/l	97
61) 1,2-Dibromoethane	11.471	107	53030	19.841	ug/l	99
64) Tetrachloroethene	11.106	164	57586	23.325	ug/l	99
65) Chlorobenzene	11.894	112	144516	19.715	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	58011	20.393	ug/l	92
67) Ethyl Benzene	11.965	91	261764	20.068	ug/l	96
68) m/p-Xylenes	12.071	106	190112	39.974	ug/l	87
69) o-Xylene	12.400	106	90955	20.293	ug/l	85
70) Styrene	12.412	104	136399	20.447	ug/l	92
71) Bromoform	12.582	173	42991	20.380	ug/l #	97
73) Isopropylbenzene	12.694	105	237480	19.420	ug/l	99
74) N-amyl acetate	12.494	43	63887	16.753	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	66145	18.072	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	63873m	16.565	ug/l	
77) Bromobenzene	12.982	156	59789	19.392	ug/l	97
78) n-propylbenzene	13.035	91	266411	19.482	ug/l	99
79) 2-Chlorotoluene	13.124	91	177071	19.937	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	209909	19.719	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	20072	17.588	ug/l #	85
82) 4-Chlorotoluene	13.224	91	179071	19.681	ug/l	96
83) tert-Butylbenzene	13.441	119	164152	19.229	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	208674	19.908	ug/l	97
85) sec-Butylbenzene	13.618	105	211415	19.577	ug/l	98
86) p-Isopropyltoluene	13.729	119	194970	20.211	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	106710	19.211	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	102379	18.340	ug/l	95
89) n-Butylbenzene	14.059	91	151728	18.792	ug/l	100
90) Hexachloroethane	14.335	117	34444	18.315	ug/l	75
91) 1,2-Dichlorobenzene	14.106	146	101145	19.028	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15242	17.929	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	51961	16.807	ug/l	97
94) Hexachlorobutadiene	15.506	225	32682	18.370	ug/l	98
95) Naphthalene	15.641	128	133703	14.914	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	47778	16.488	ug/l	92

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN1129MBSD01

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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

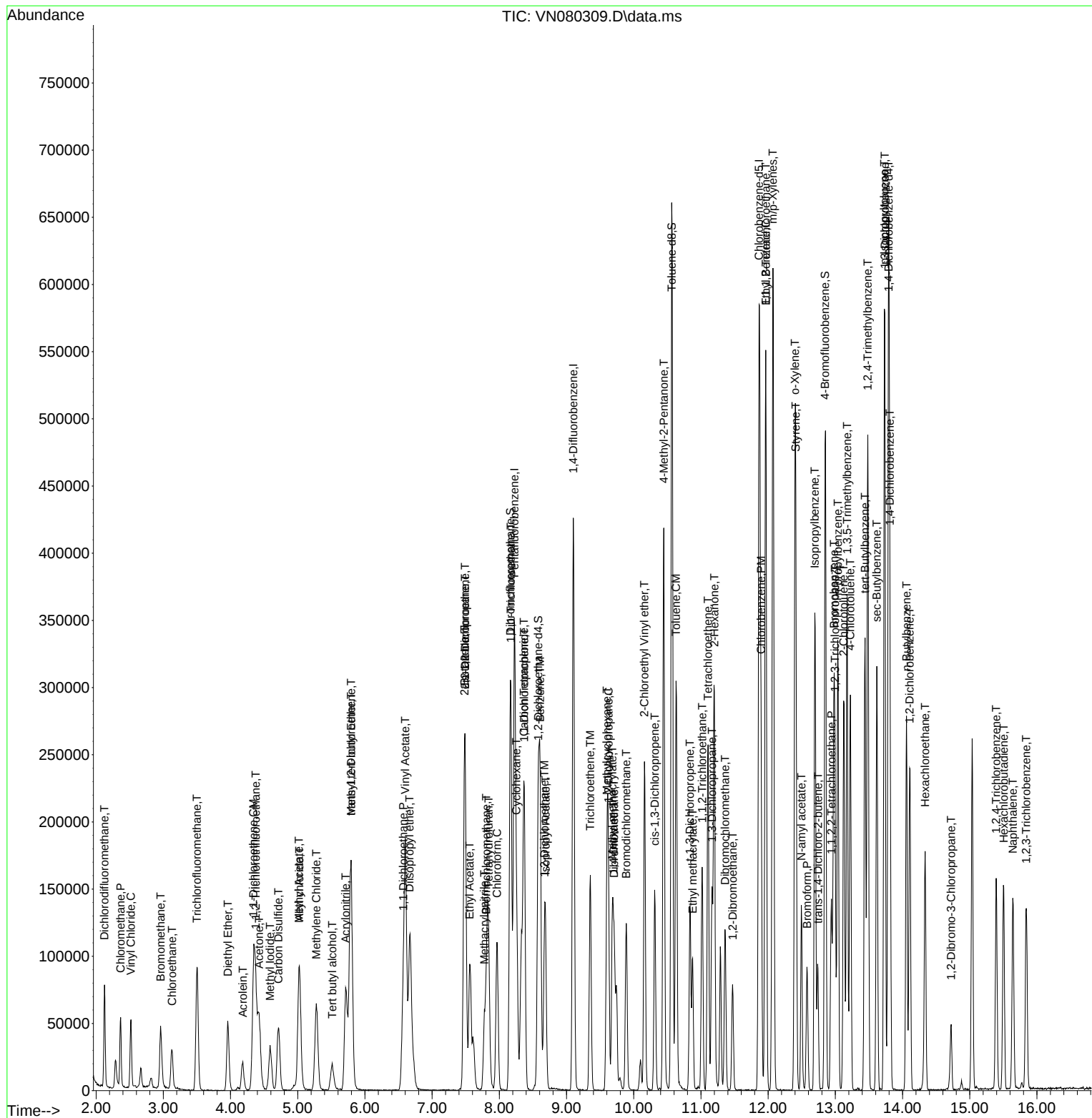
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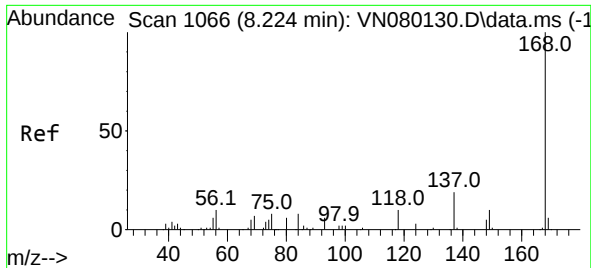
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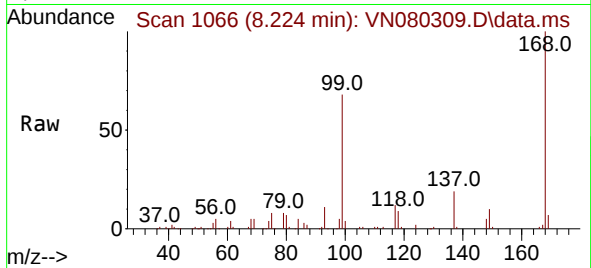
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

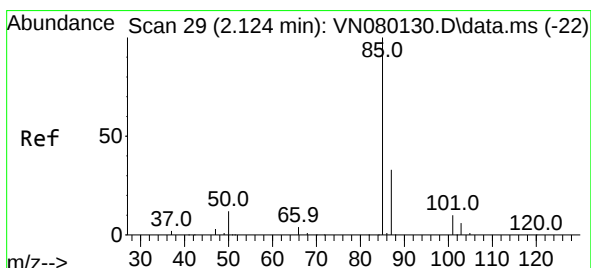
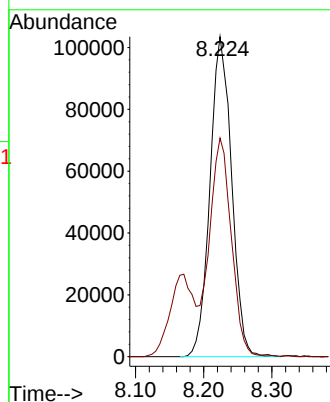
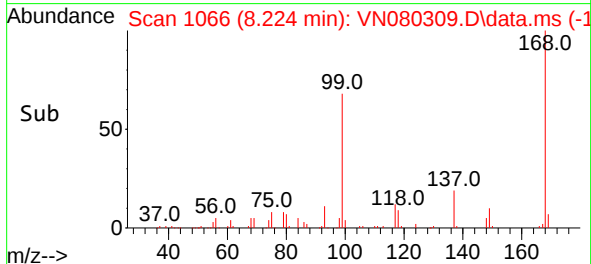
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 228478
Ion Ratio Lower Upper
168 100
99 68.1 53.0 79.6

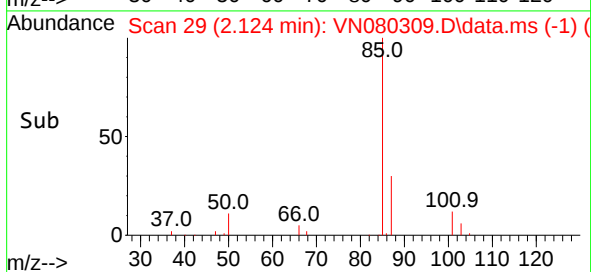
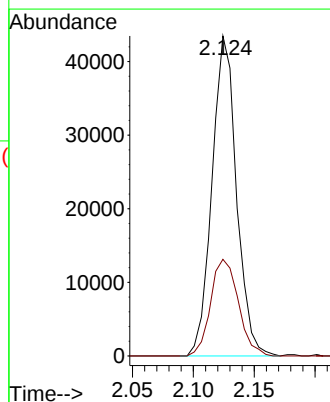
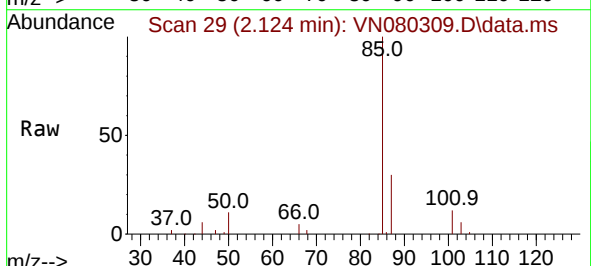
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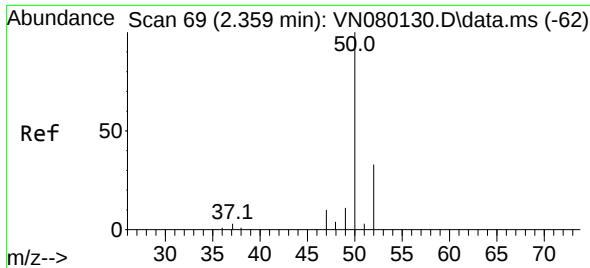
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#2
Dichlorodifluoromethane
Concen: 17.907 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion: 85 Resp: 60942
Ion Ratio Lower Upper
85 100
87 30.2 15.8 47.4





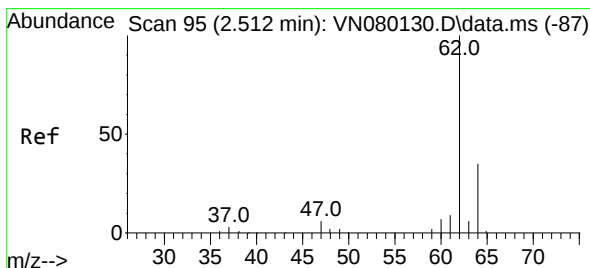
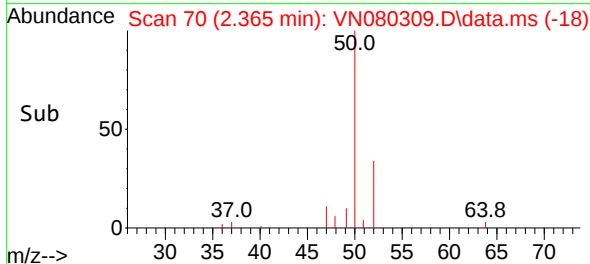
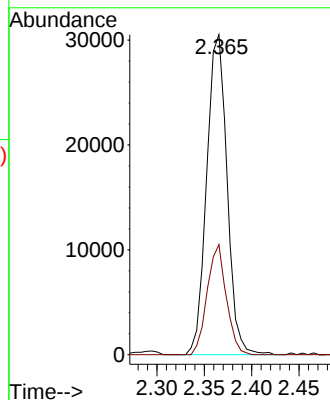
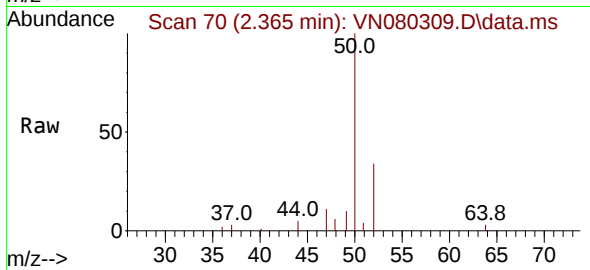
#3
Chloromethane
Concen: 17.815 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 45584
Ion Ratio Lower Upper
50 100
52 34.4 26.5 39.7

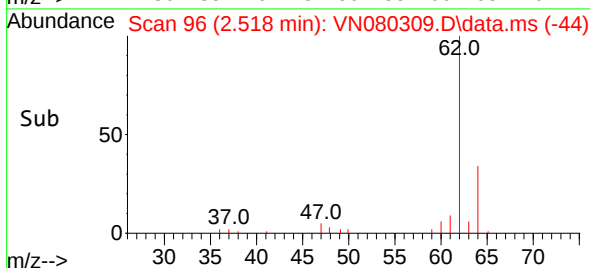
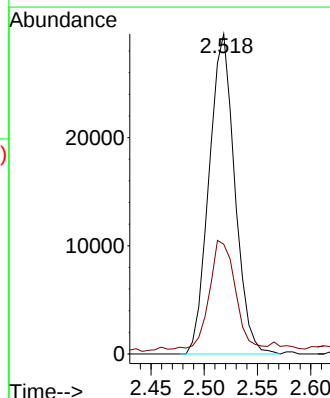
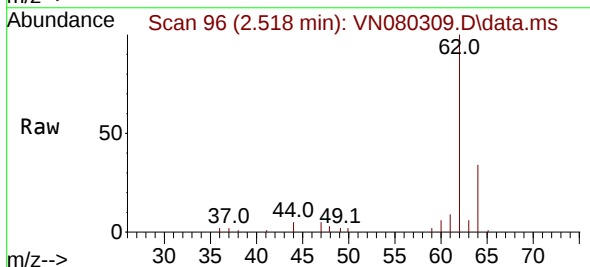
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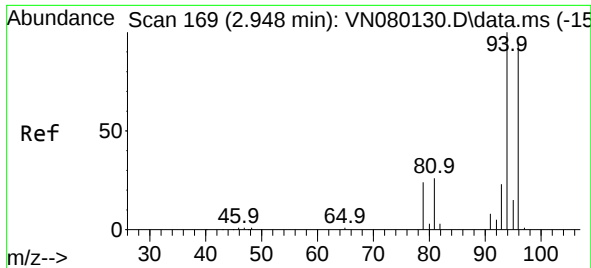
Reviewed By :John Carlone 11/30/2023
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#4
Vinyl Chloride
Concen: 18.299 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion: 62 Resp: 49552
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2





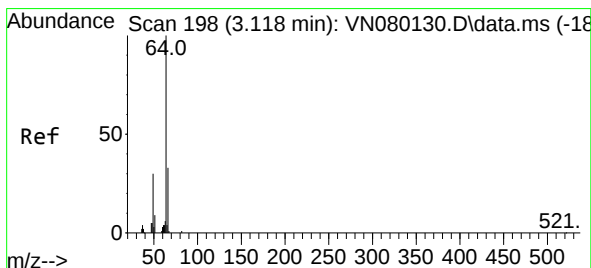
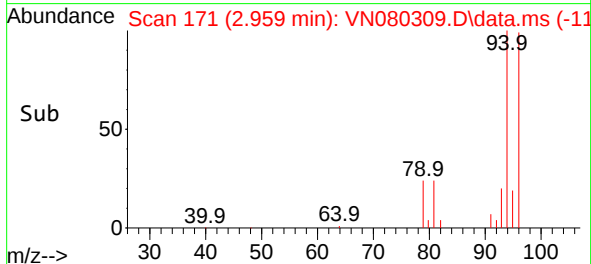
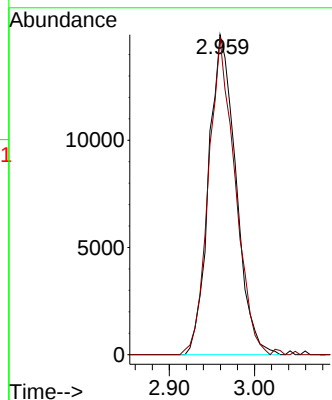
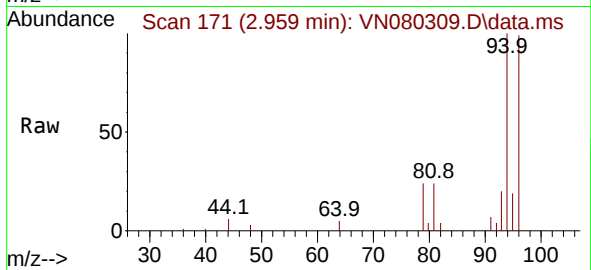
#5
Bromomethane
Concen: 18.021 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
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Tgt Ion: 94 Resp: 33128
Ion Ratio Lower Upper
94 100
96 99.2 73.1 109.7

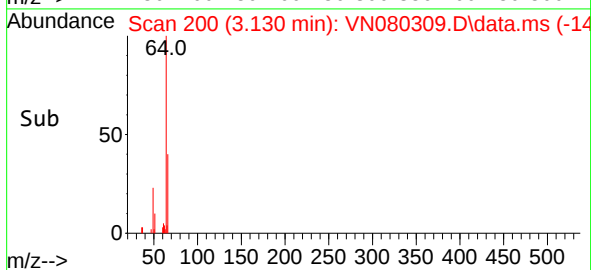
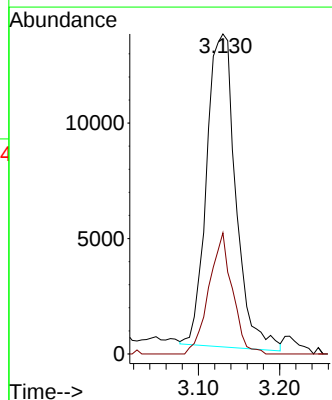
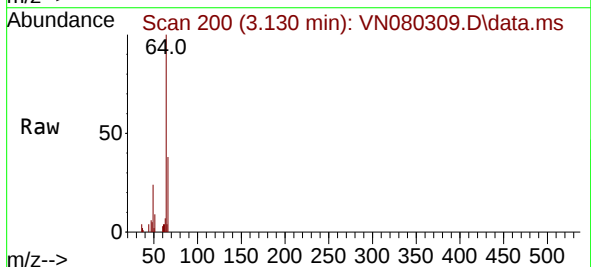
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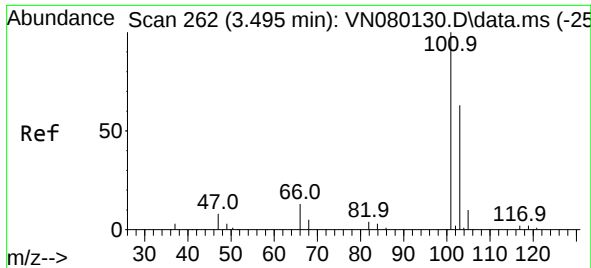
Reviewed By :John Carlone 11/30/2023
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#6
Chloroethane
Concen: 19.103 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion: 64 Resp: 33807
Ion Ratio Lower Upper
64 100
66 39.1 25.4 38.2#





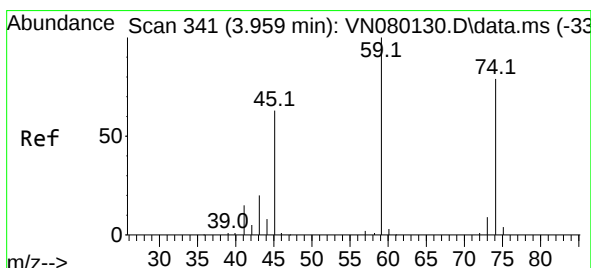
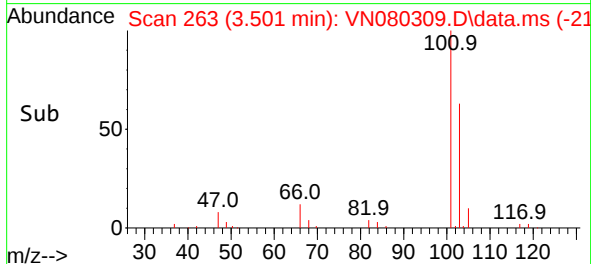
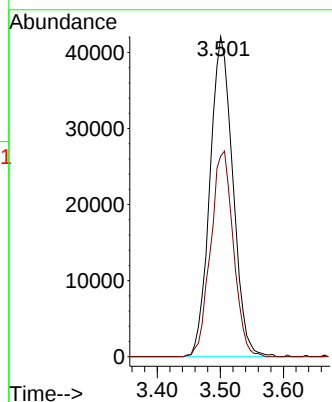
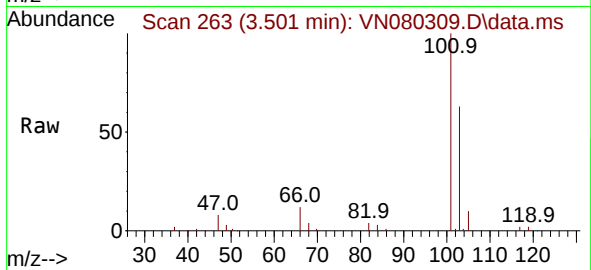
#7
Trichlorofluoromethane
Concen: 18.802 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
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Tgt Ion:101 Resp: 106208
Ion Ratio Lower Upper
101 100
103 62.7 50.7 76.1

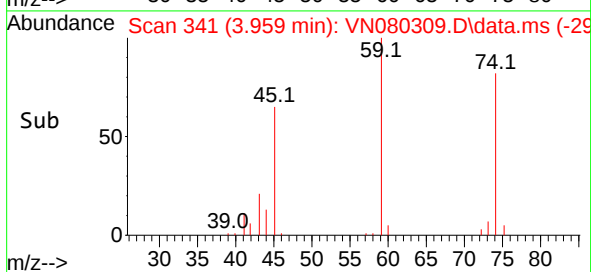
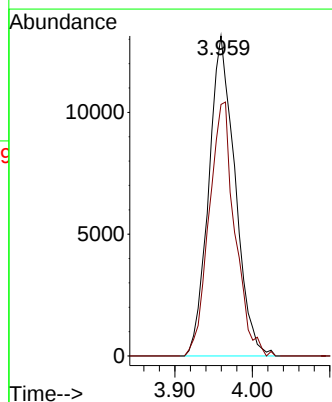
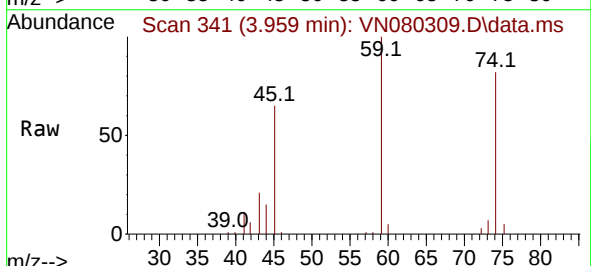
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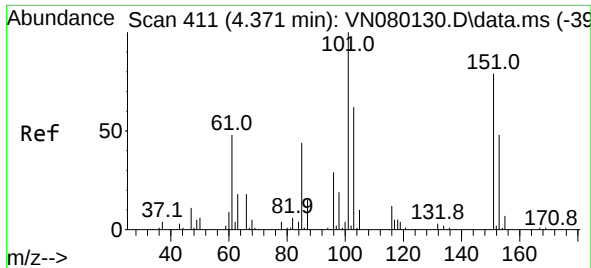
Reviewed By :John Carlone 11/30/2023
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#8
Diethyl Ether
Concen: 18.861 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion: 74 Resp: 30984
Ion Ratio Lower Upper
74 100
45 77.9 34.4 103.3





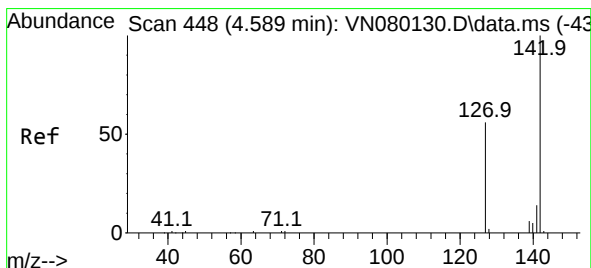
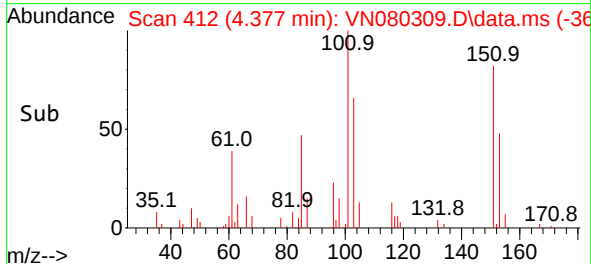
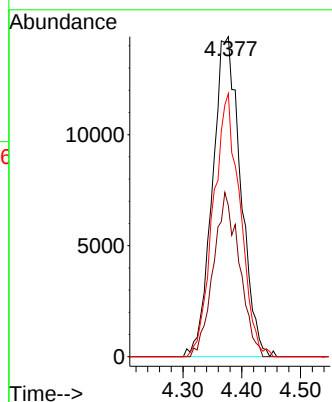
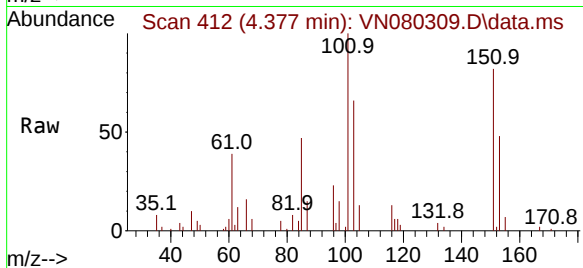
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.636 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01

Tgt Ion:101 Resp: 48110
Ion Ratio Lower Upper
101 100
85 47.4 36.6 55.0
151 78.1 57.6 86.4

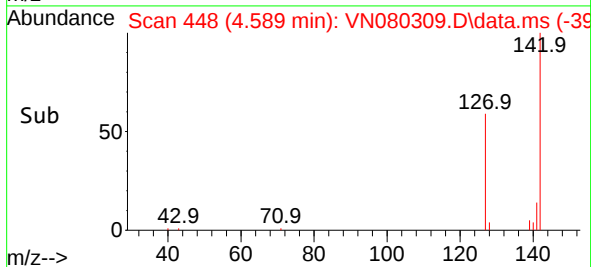
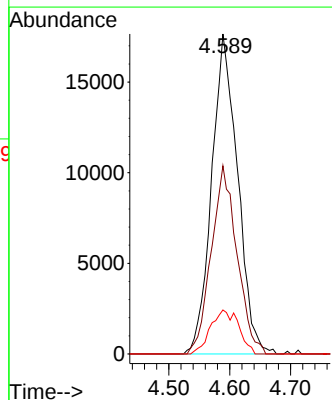
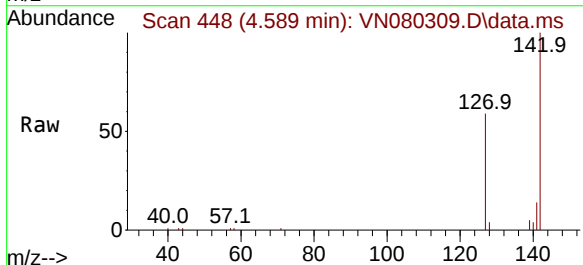
Manual Integrations
APPROVED

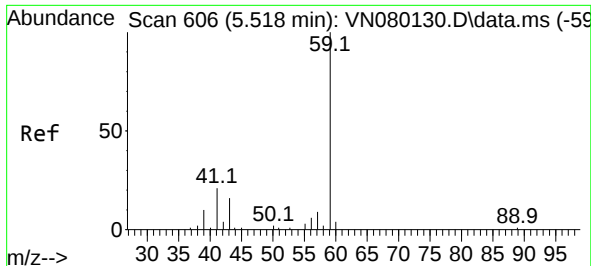
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#10
Methyl Iodide
Concen: 18.710 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion:142 Resp: 52205
Ion Ratio Lower Upper
142 100
127 58.8 37.6 56.4#
141 13.8 11.4 17.0





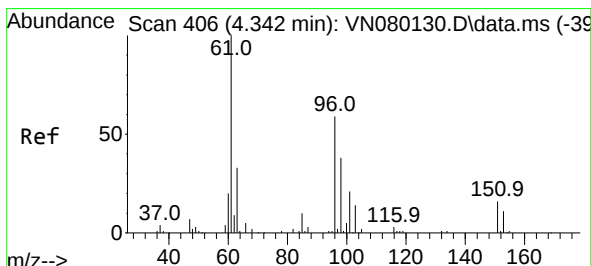
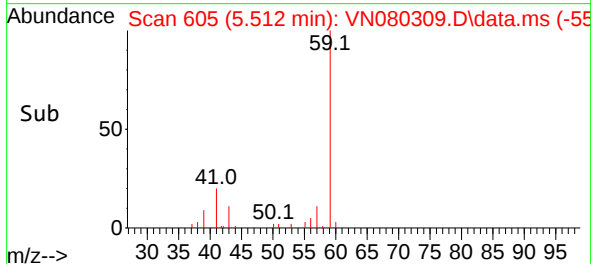
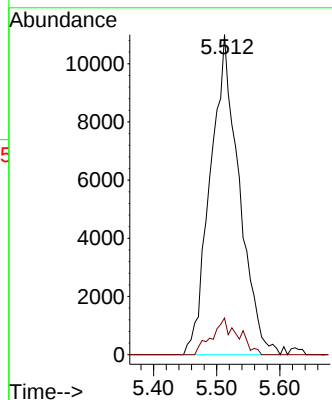
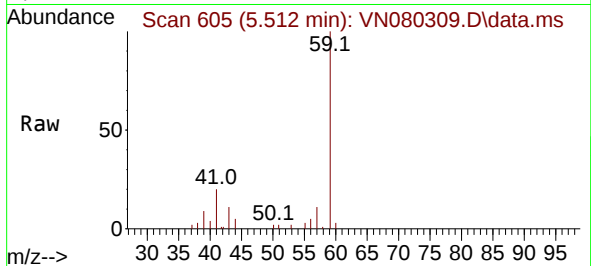
#11
Tert butyl alcohol
Concen: 83.787 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
MSVOA_N
Client Sample Id :
VN1129MBS01

Tgt Ion: 59 Resp: 34760
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

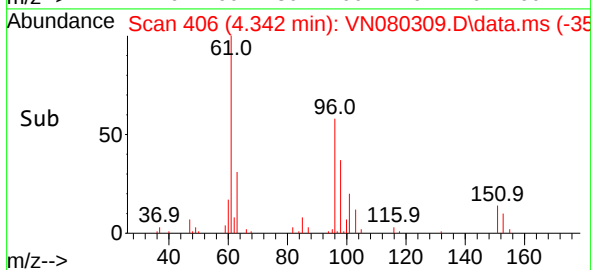
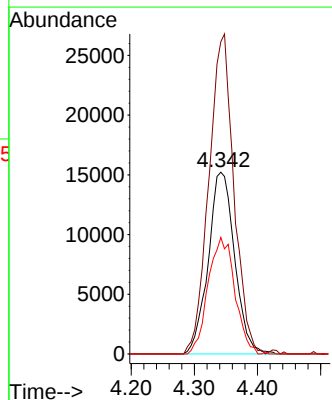
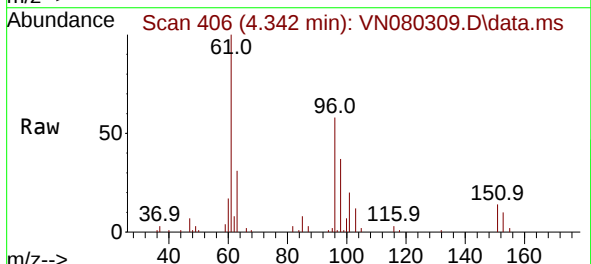
Manual Integrations
APPROVED

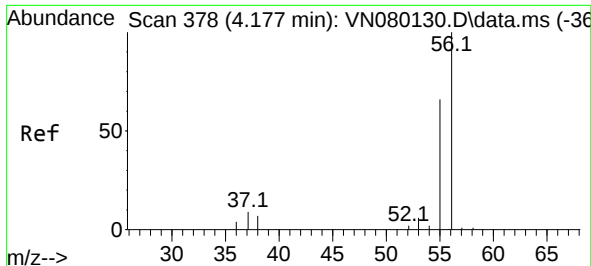
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#12
1,1-Dichloroethene
Concen: 18.324 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion: 96 Resp: 44249
Ion Ratio Lower Upper
96 100
61 171.8 112.7 169.1#
98 64.1 51.2 76.8





#13

Acrolein

Concen: 71.394 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBSD01

Tgt Ion: 56 Resp: 2621

Ion Ratio Lower Upper

56 100

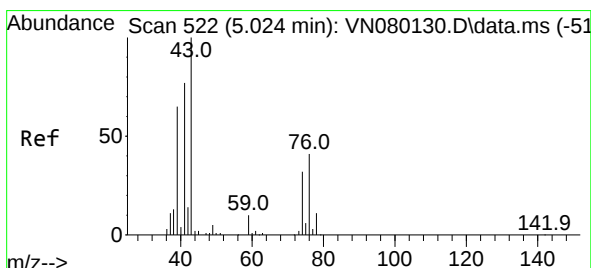
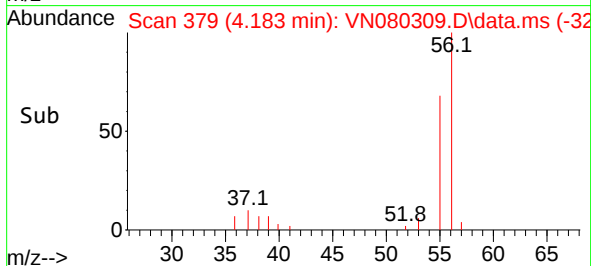
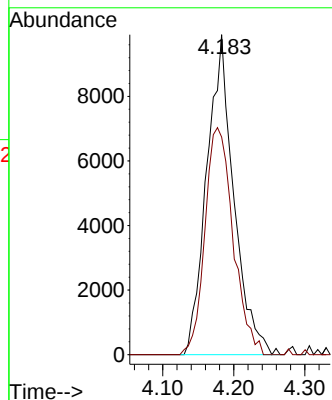
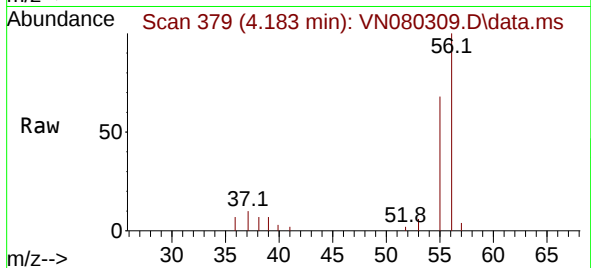
55 74.0 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#14

Allyl chloride

Concen: 17.937 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

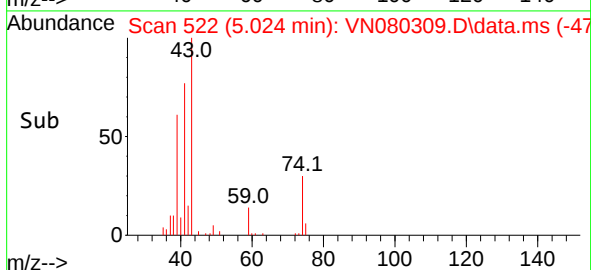
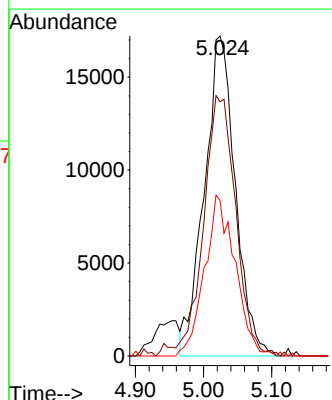
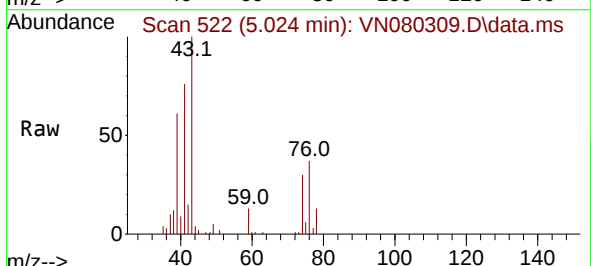
Tgt Ion: 41 Resp: 54498

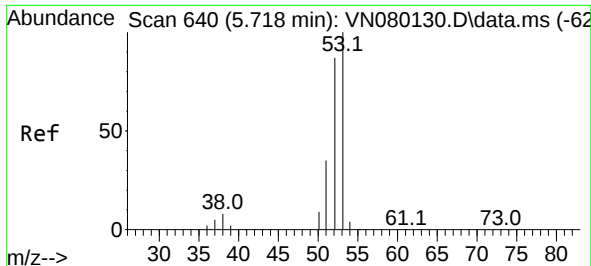
Ion Ratio Lower Upper

41 100

39 83.8 58.8 88.2

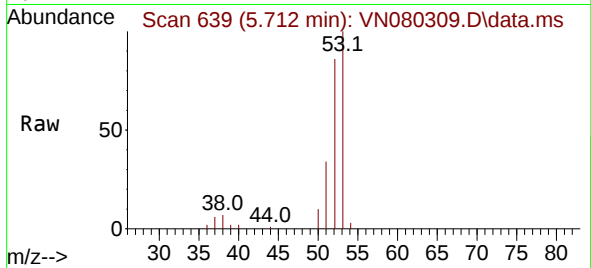
76 49.5 39.1 58.7





#15
Acrylonitrile
Concen: 93.313 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

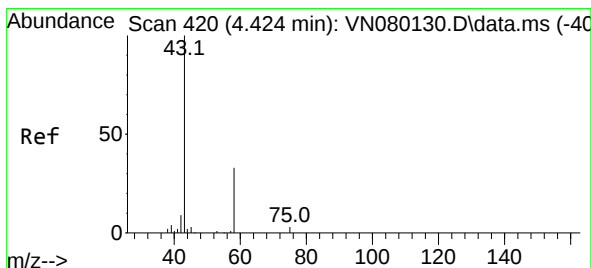
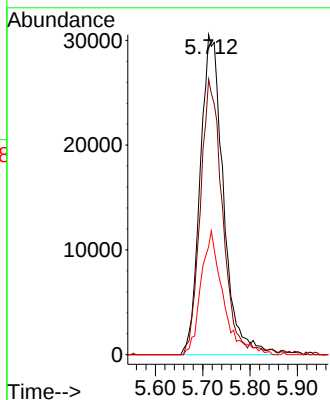
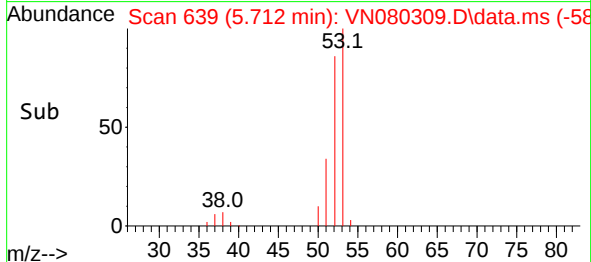
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01



Tgt Ion: 53 Resp: 10392
Ion Ratio Lower Upper
53 100
52 80.8 65.3 97.9
51 37.0 28.9 43.3

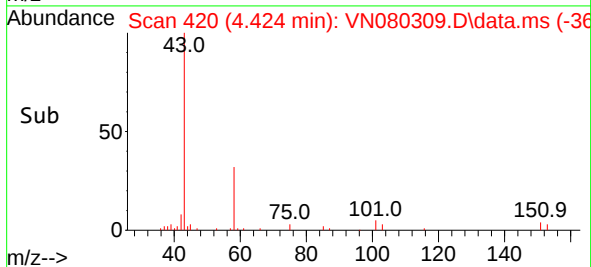
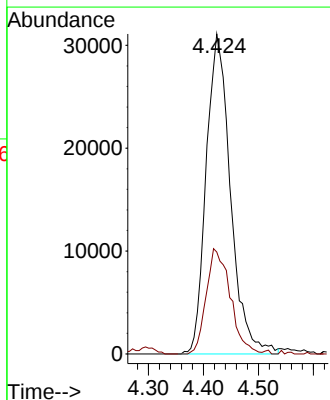
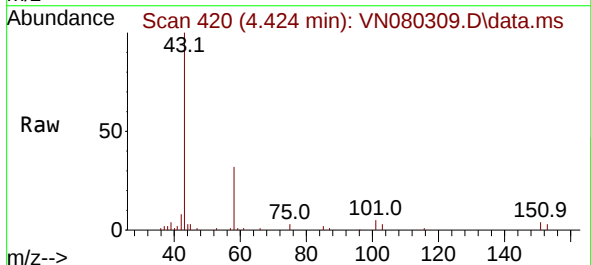
Manual Integrations
APPROVED

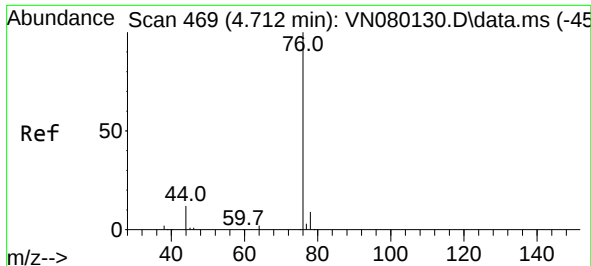
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#16
Acetone
Concen: 75.560 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion: 43 Resp: 95742
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0





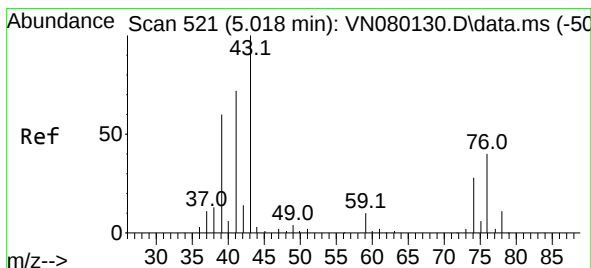
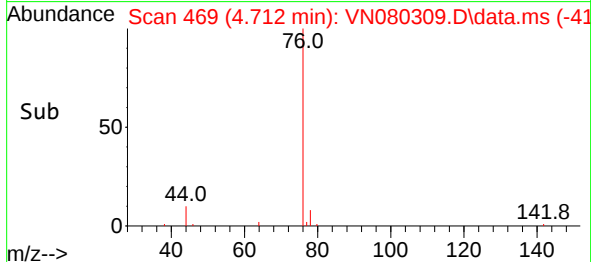
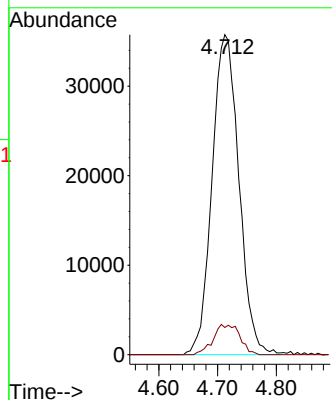
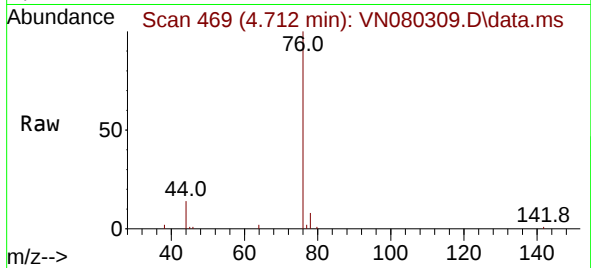
#17
Carbon Disulfide
Concen: 15.723 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
MSVOA_N
Client Sample Id :
VN1129MBSD01

Tgt Ion: 76 Resp: 11336
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

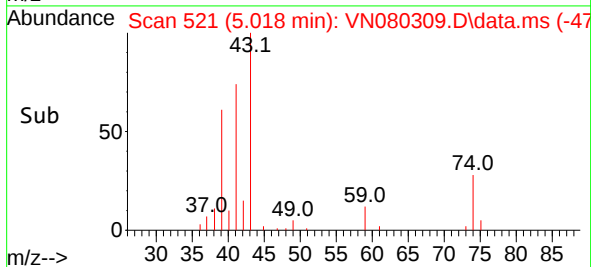
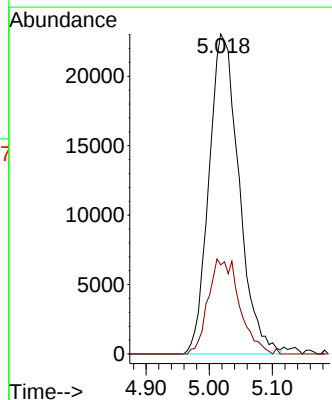
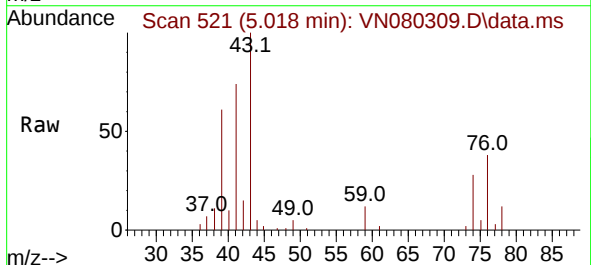
Manual Integrations
APPROVED

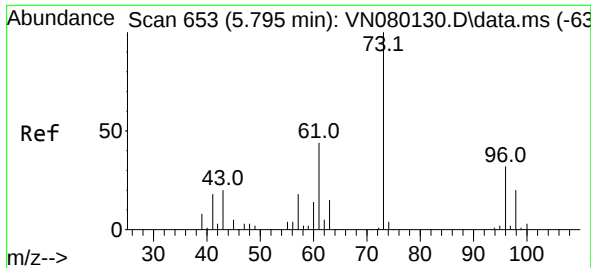
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#18
Methyl Acetate
Concen: 18.680 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion: 43 Resp: 76052
Ion Ratio Lower Upper
43 100
74 30.8 26.2 39.4





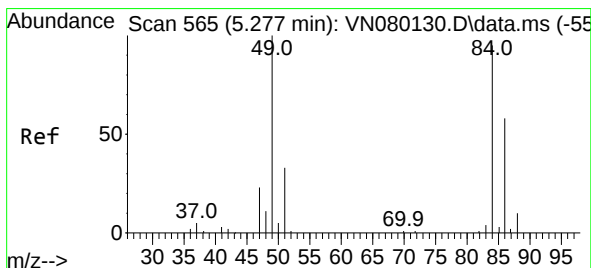
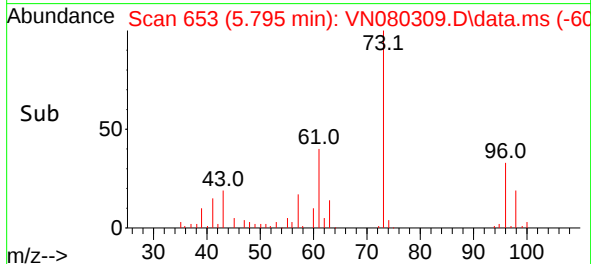
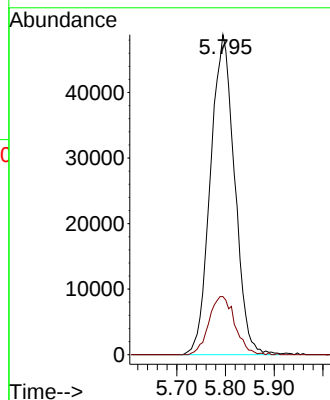
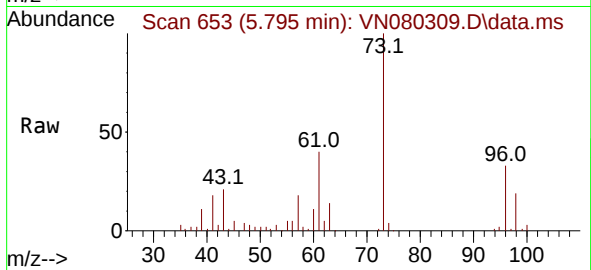
#19
Methyl tert-butyl Ether
Concen: 19.734 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 73 Resp: 16828
Ion Ratio Lower Upper
73 100
57 18.1 15.6 23.4

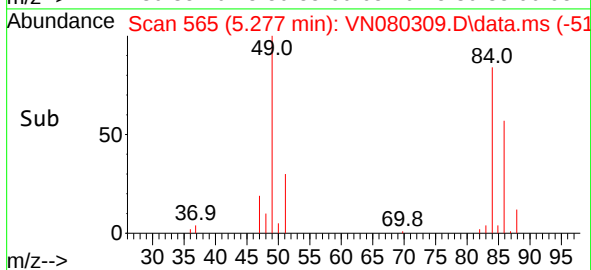
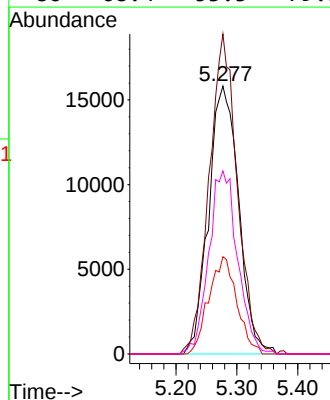
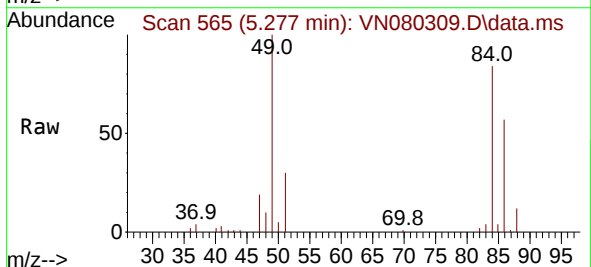
Manual Integrations
APPROVED

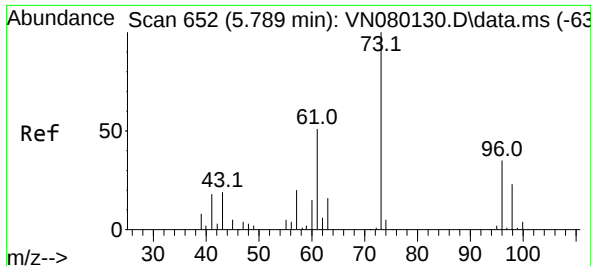
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#20
Methylene Chloride
Concen: 20.421 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

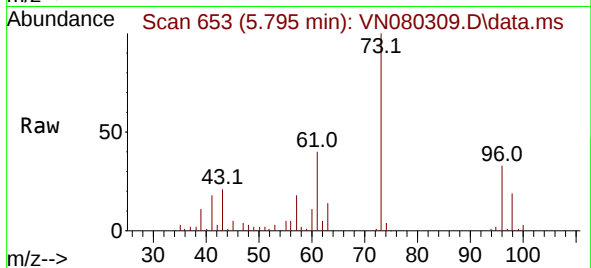
Tgt Ion: 84 Resp: 54187
Ion Ratio Lower Upper
84 100
49 119.5 79.7 119.5
51 36.3 25.2 37.8
86 68.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.279 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

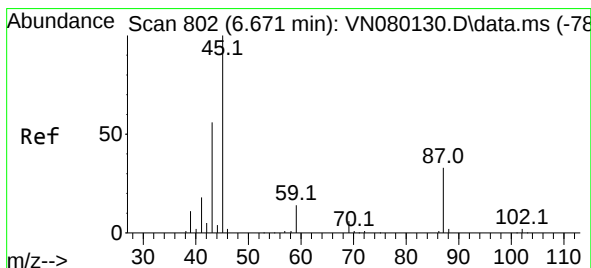
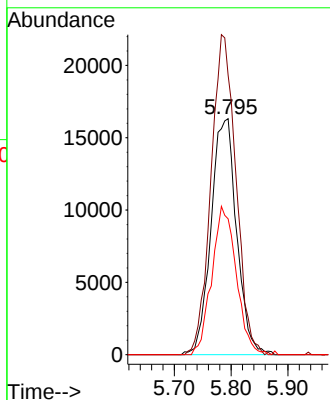
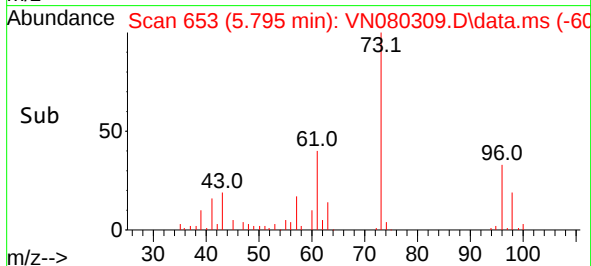
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



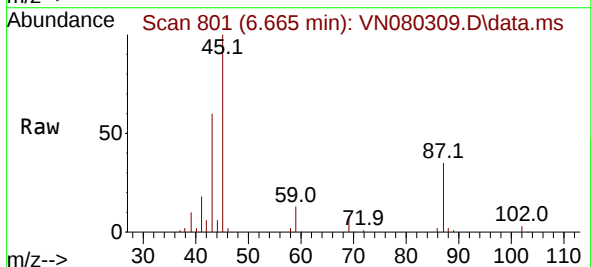
Tgt Ion: 96 Resp: 5114
Ion Ratio Lower Upper
96 100
61 118.5 90.1 135.1
98 57.5 46.4 69.6

Manual Integrations
APPROVED

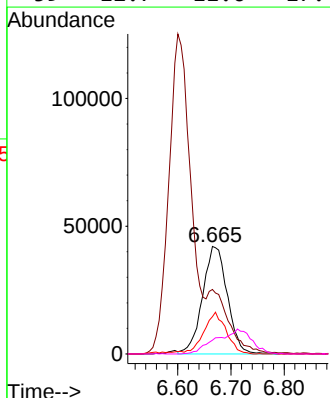
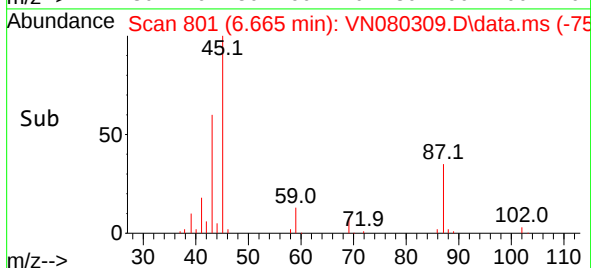
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

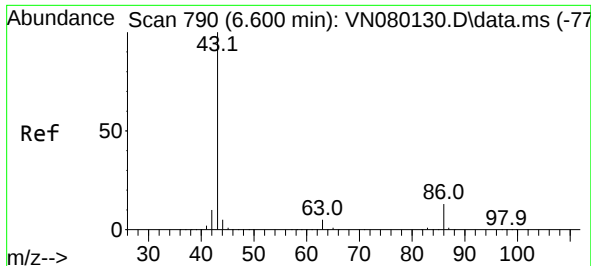


#22
Diisopropyl ether
Concen: 20.263 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08



Tgt Ion: 45 Resp: 136205
Ion Ratio Lower Upper
45 100
43 58.9 45.5 68.3
87 34.7 31.8 47.8
59 12.7 11.6 17.4





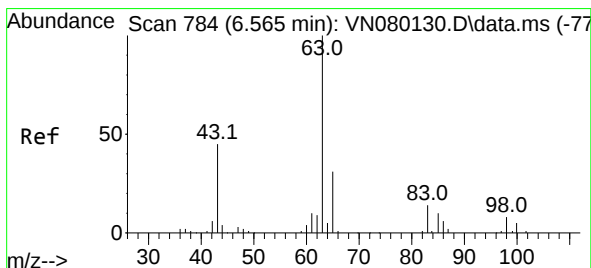
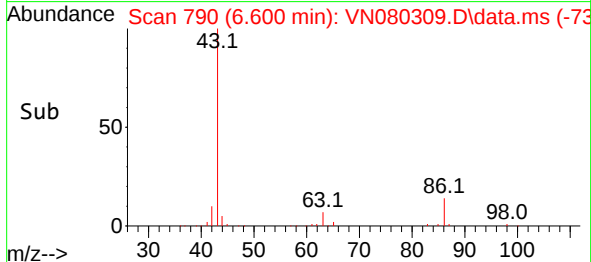
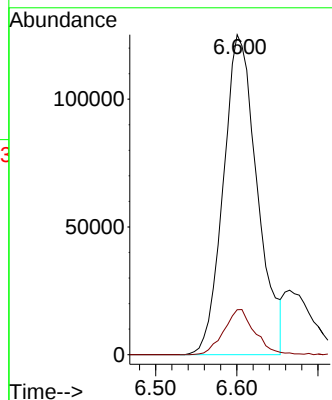
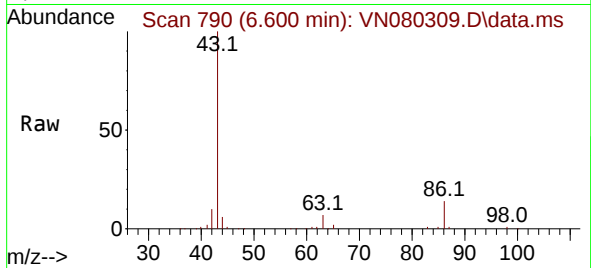
#23
 Vinyl Acetate
 Concen: 90.040 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080309.D
 Acq: 29 Nov 2023 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBSD01

Tgt Ion: 43 Resp: 36386
 Ion Ratio Lower Upper
 43 100
 86 14.0 13.0 19.6

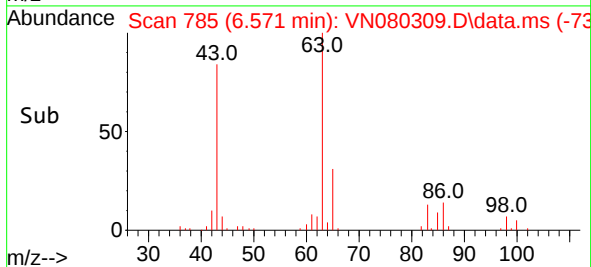
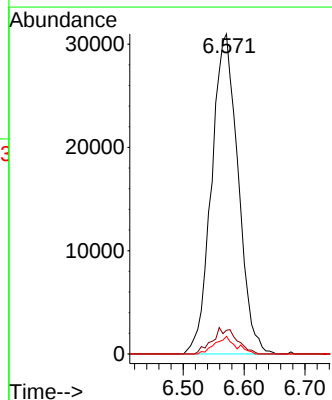
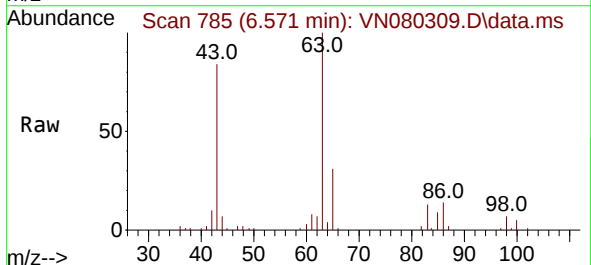
Manual Integrations
 APPROVED

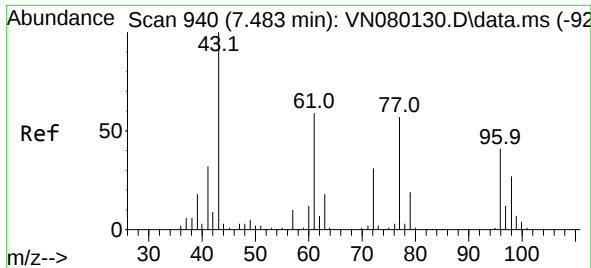
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#24
 1,1-Dichloroethane
 Concen: 19.184 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080309.D
 Acq: 29 Nov 2023 15:08

Tgt Ion: 63 Resp: 93923
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 5.5 2.5 7.4





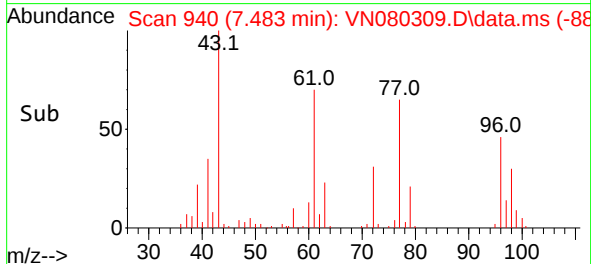
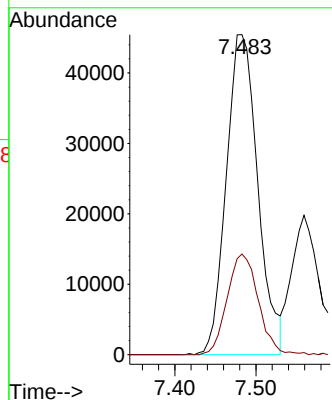
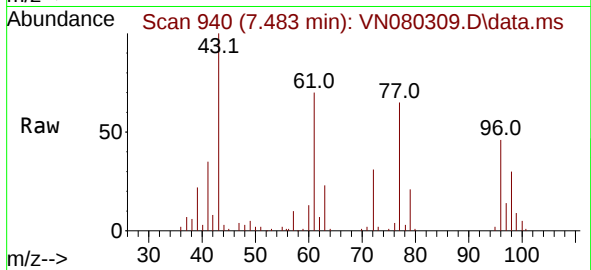
#25
2-Butanone
Concen: 81.593 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01

Tgt Ion: 43 Resp: 12283
Ion Ratio Lower Upper
43 100
72 31.4 30.2 45.2

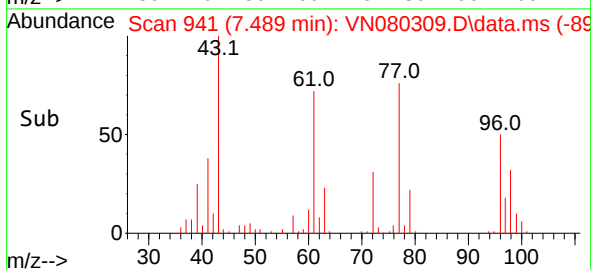
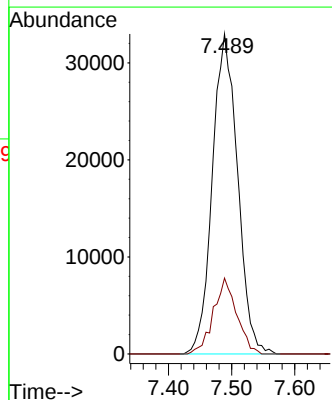
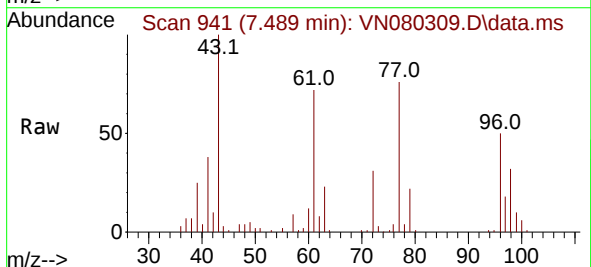
Manual Integrations
APPROVED

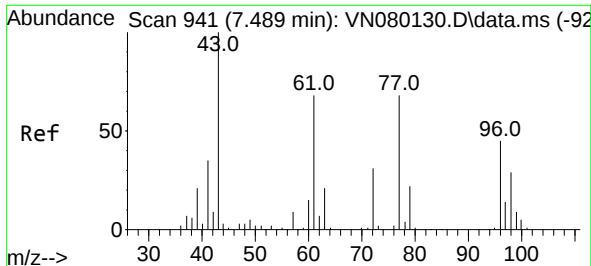
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#26
2,2-Dichloropropane
Concen: 18.848 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

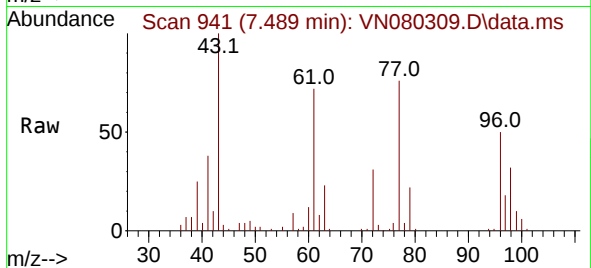
Tgt Ion: 77 Resp: 91551
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.031 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080309.D
 Acq: 29 Nov 2023 15:08

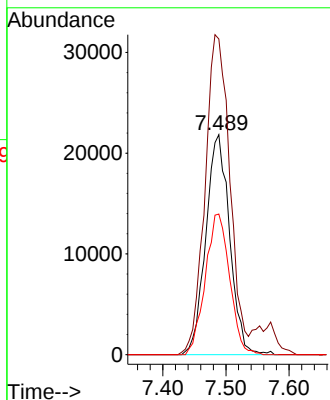
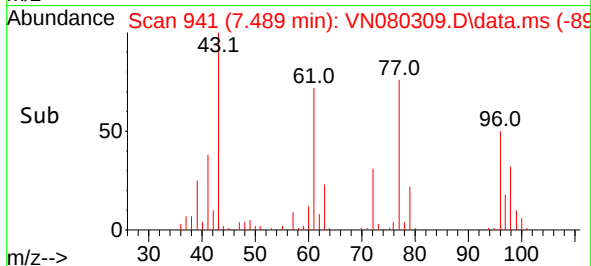
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBS01



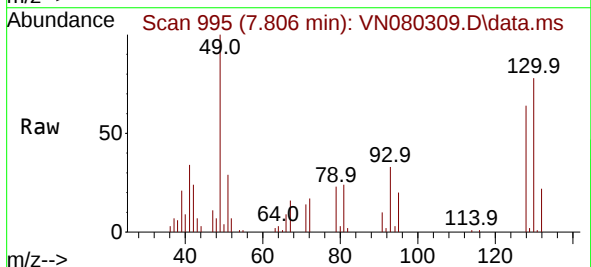
Tgt Ion: 96 Resp: 57240
 Ion Ratio Lower Upper
 96 100
 61 151.1 0.0 255.2
 98 65.3 0.0 128.8

Manual Integrations
 APPROVED

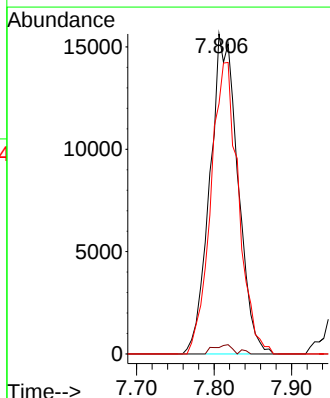
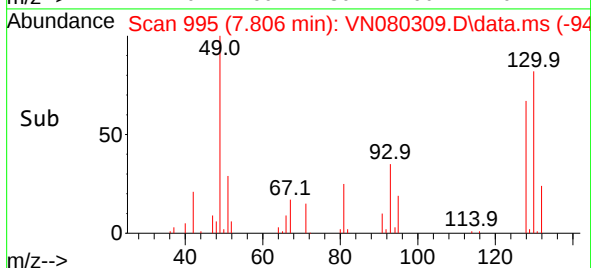
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023

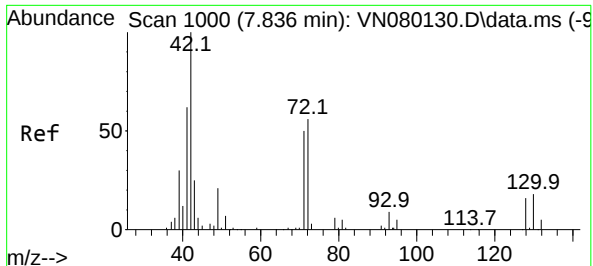


#28
 Bromochloromethane
 Concen: 20.421 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.012 min
 Lab File: VN080309.D
 Acq: 29 Nov 2023 15:08



Tgt Ion: 49 Resp: 39305
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 90.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 94.273 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

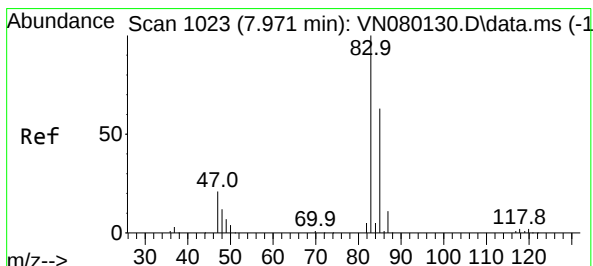
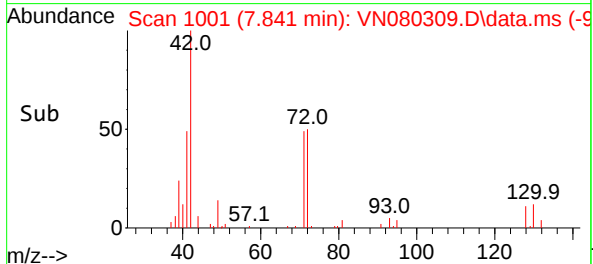
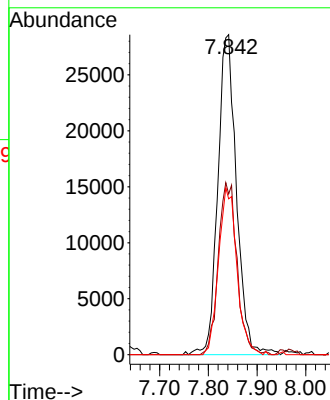
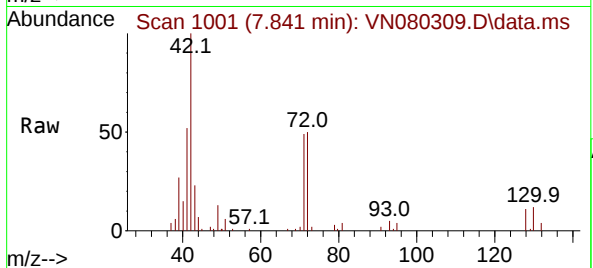
Tgt Ion: 42 Resp: 76190
 Ion Ratio Lower Upper
 42 100
 72 53.8 49.8 74.6
 71 51.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#30

Chloroform

Concen: 19.813 ug/l

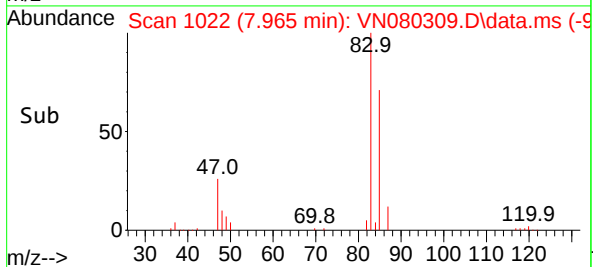
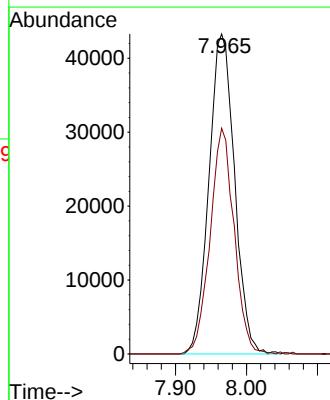
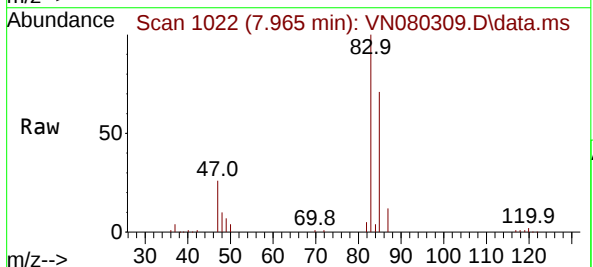
RT: 7.965 min Scan# 1022

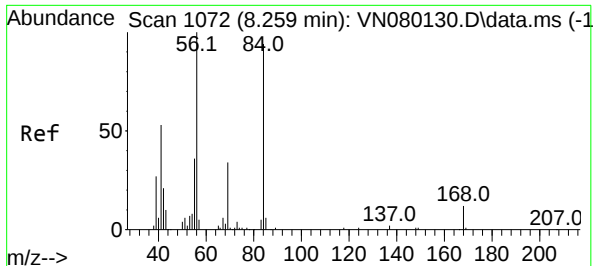
Delta R.T. -0.006 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

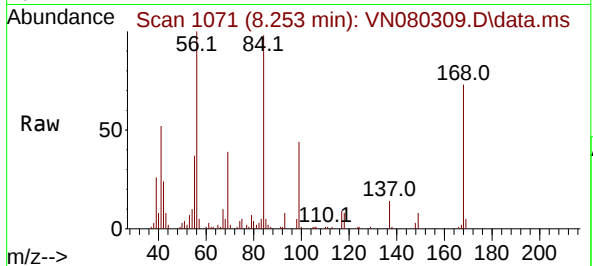
Tgt Ion: 83 Resp: 108418
 Ion Ratio Lower Upper
 83 100
 85 70.6 55.4 83.0





#31
Cyclohexane
Concen: 16.909 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

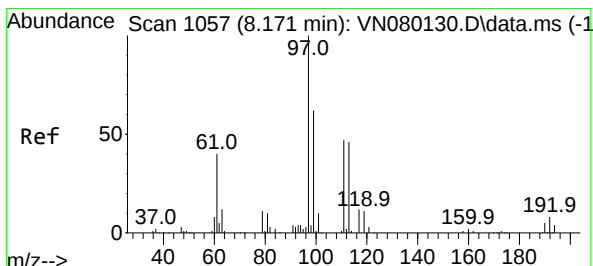
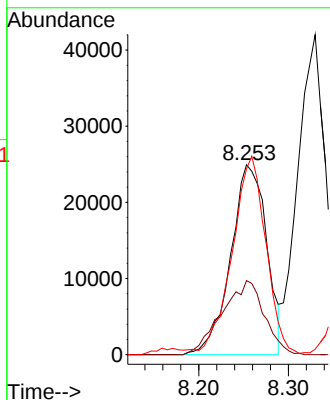
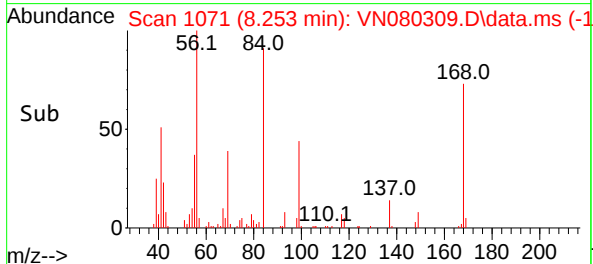
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01



Tgt Ion: 56 Resp: 6937
Ion Ratio Lower Upper
56 100
69 39.0 26.8 40.2
84 95.3 81.8 122.6

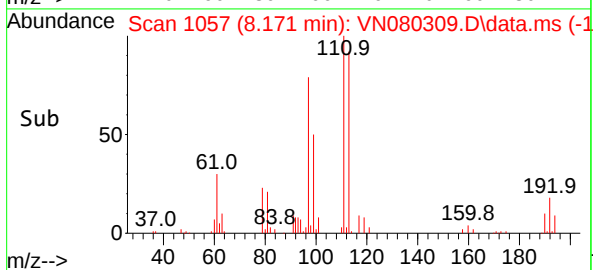
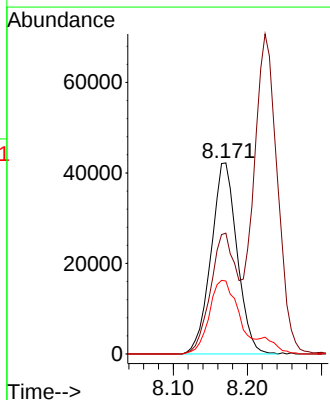
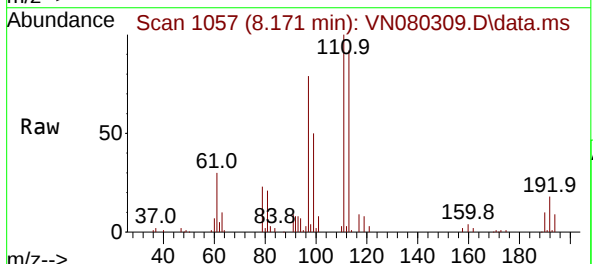
Manual Integrations
APPROVED

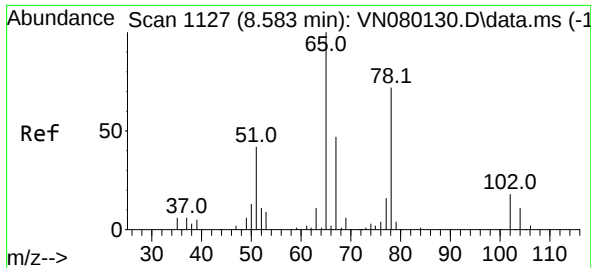
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#32
1,1,1-Trichloroethane
Concen: 19.278 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion: 97 Resp: 102879
Ion Ratio Lower Upper
97 100
99 61.0 50.3 75.5
61 43.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.092 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

Tgt Ion: 65 Resp: 177650

Ion Ratio Lower Upper

65 100

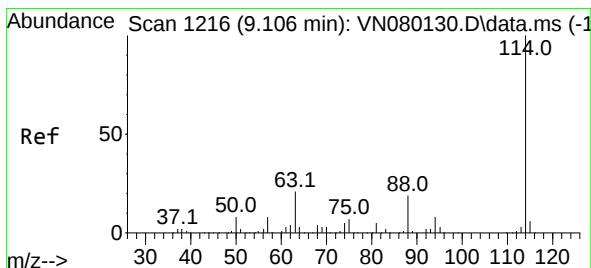
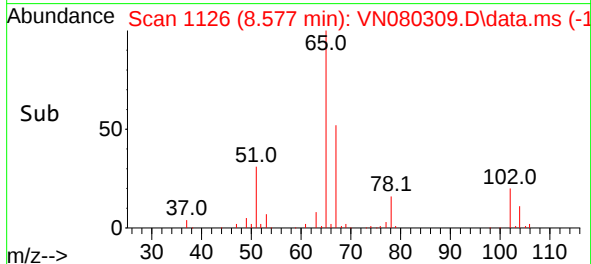
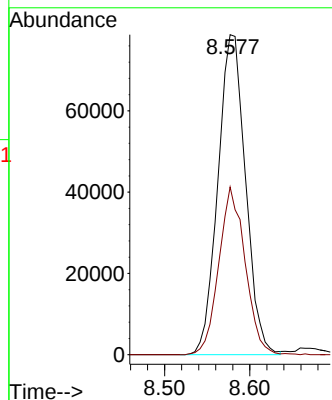
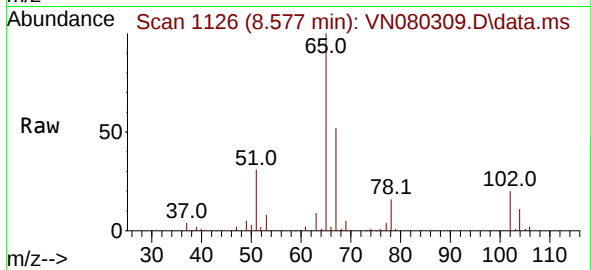
67 50.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

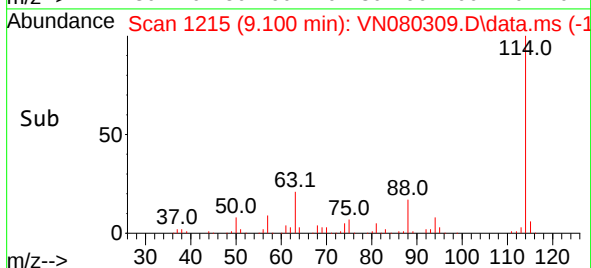
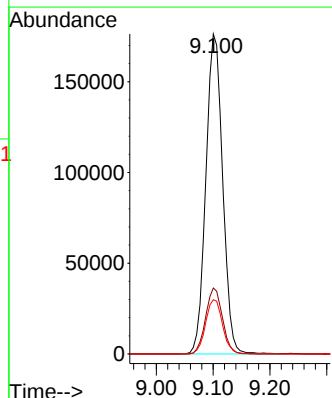
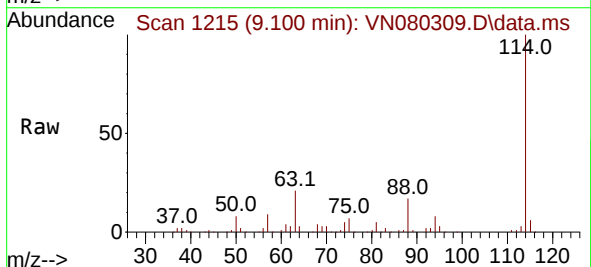
Tgt Ion:114 Resp: 361257

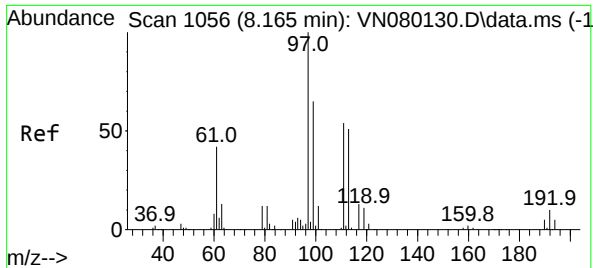
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

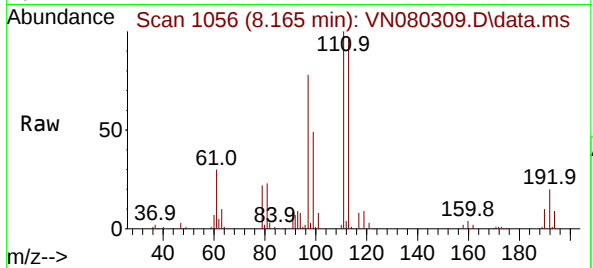
88 17.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.614 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

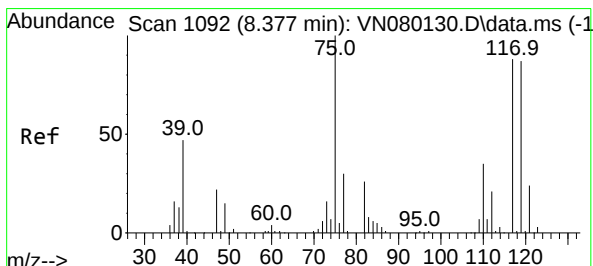
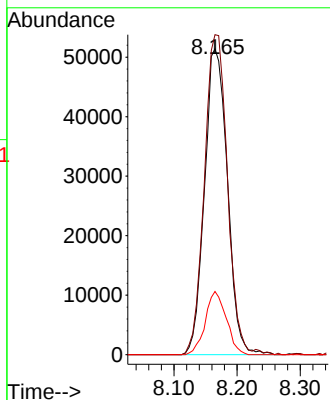
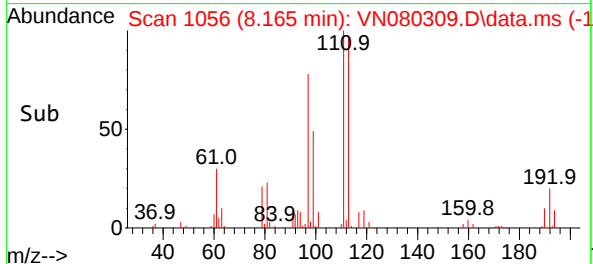
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01



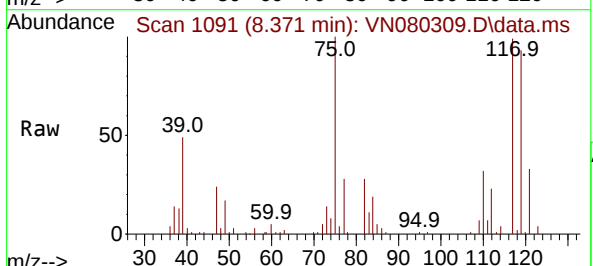
Tgt Ion:113 Resp: 129580
Ion Ratio Lower Upper
113 100
111 105.6 82.6 123.8
192 19.0 12.7 19.1

Manual Integrations
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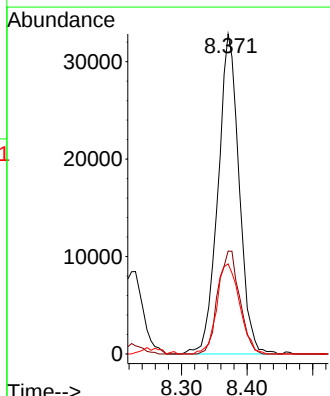
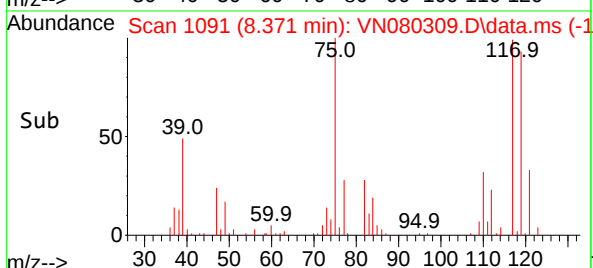
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

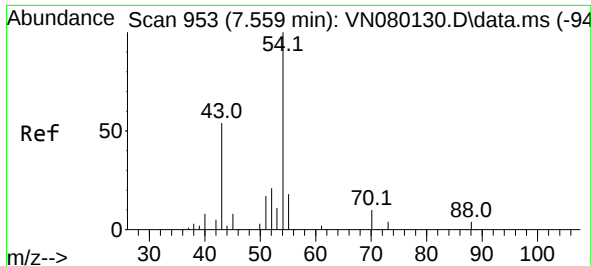


#36
1,1-Dichloropropene
Concen: 19.009 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08



Tgt Ion: 75 Resp: 73362
Ion Ratio Lower Upper
75 100
110 33.1 19.1 57.3
77 30.6 25.0 37.4





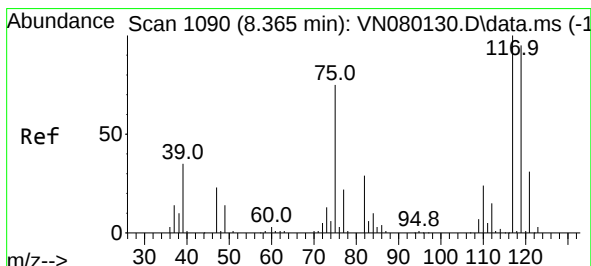
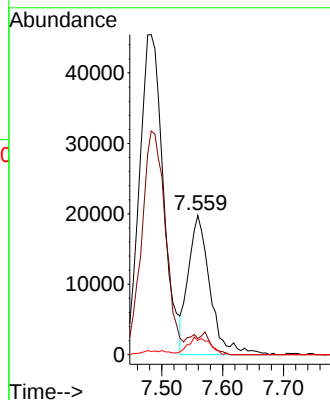
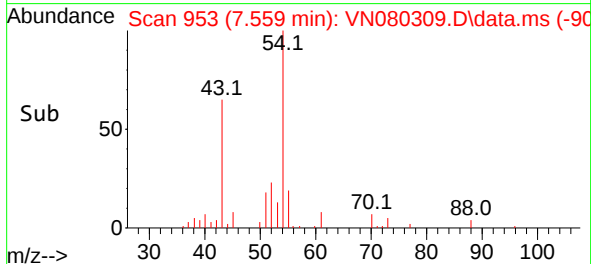
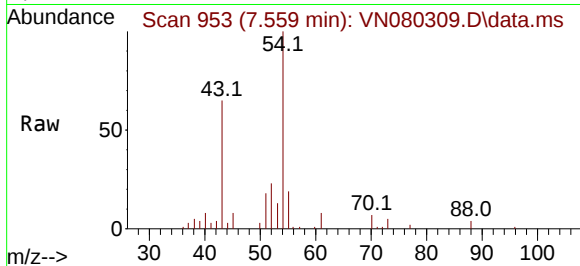
#37
Ethyl Acetate
Concen: 18.348 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01

Tgt Ion: 43 Resp: 4911
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8
70 12.6 11.3 16.9

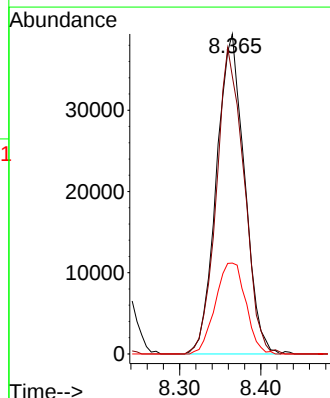
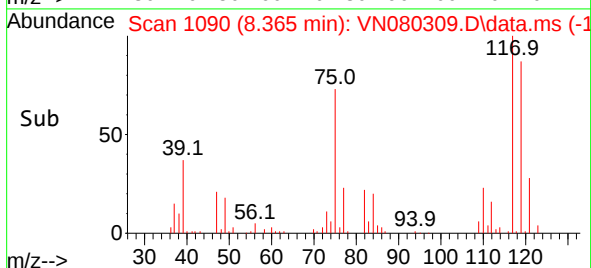
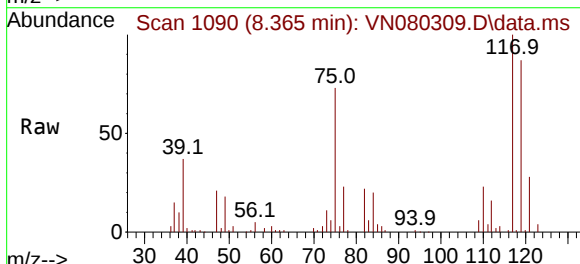
Manual Integrations
APPROVED

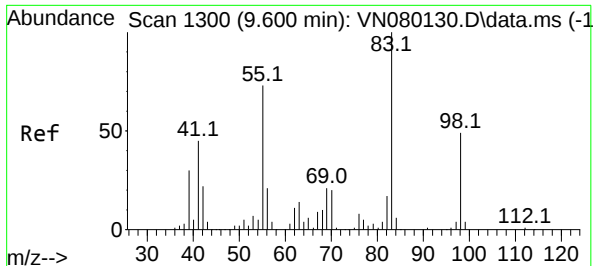
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#38
Carbon Tetrachloride
Concen: 19.266 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion:117 Resp: 94352
Ion Ratio Lower Upper
117 100
119 86.7 77.3 115.9
121 28.4 23.3 34.9





#39

Methylcyclohexane

Concen: 17.648 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBSD01

Tgt Ion: 83 Resp: 6567

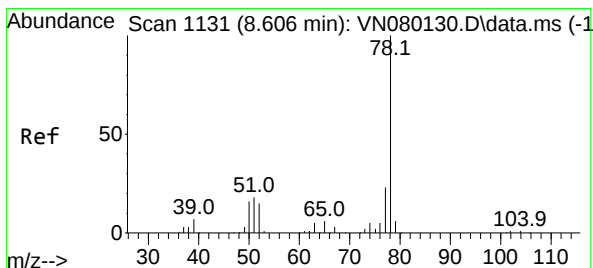
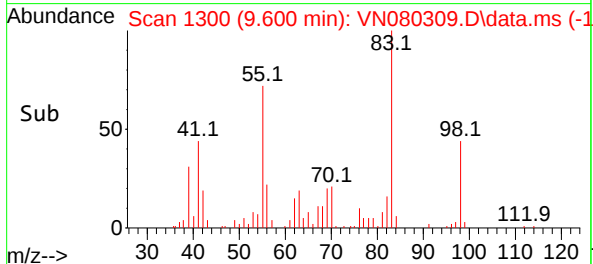
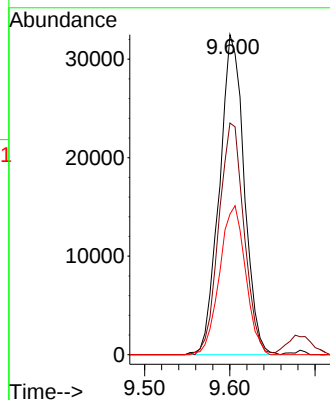
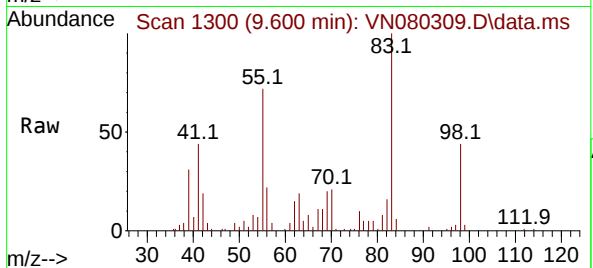
Ion	Ratio	Lower	Upper
83	100		
55	72.4	49.1	73.7
98	43.9	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#40

Benzene

Concen: 19.443 ug/l

RT: 8.606 min Scan# 1131

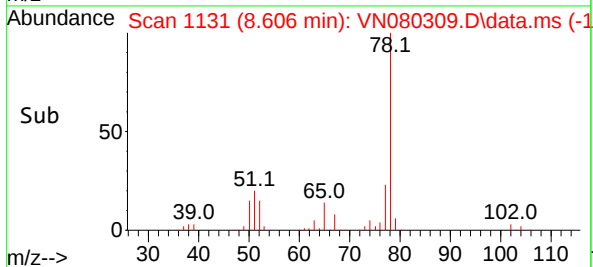
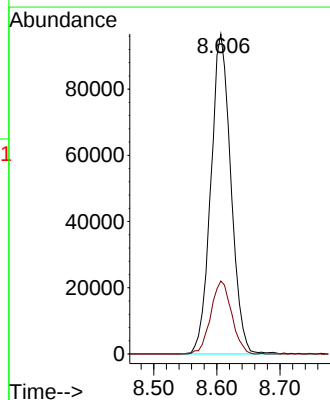
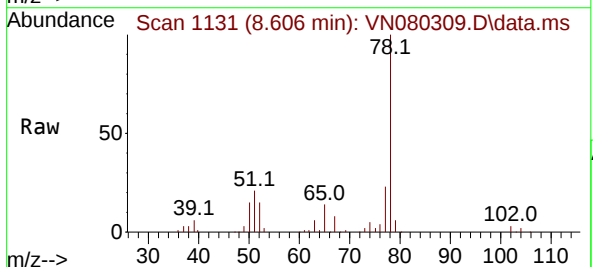
Delta R.T. 0.000 min

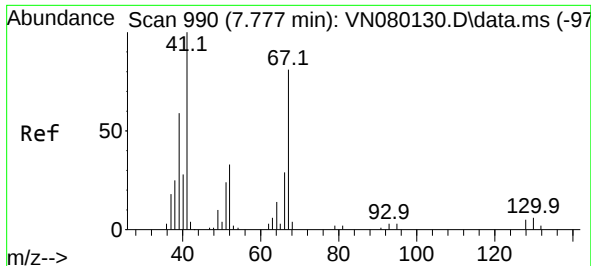
Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Tgt Ion: 78 Resp: 213255

Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.6





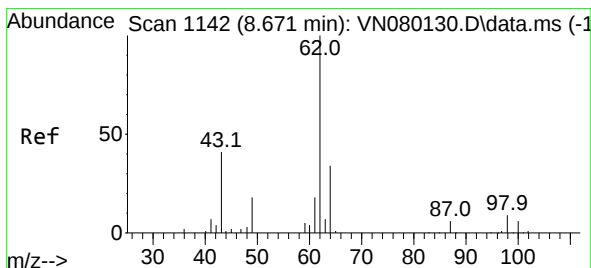
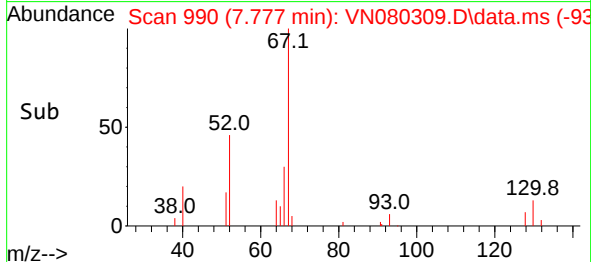
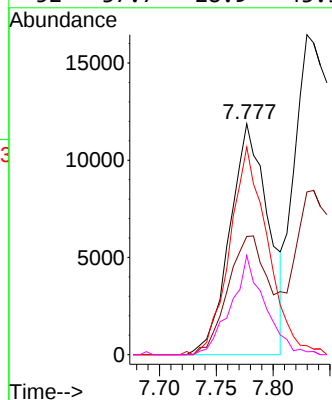
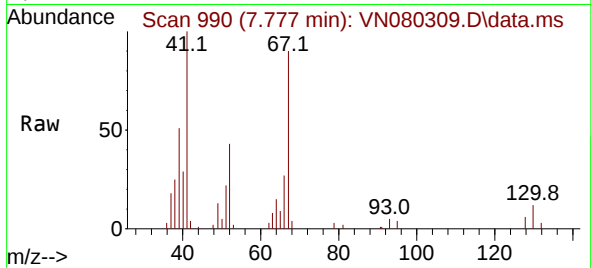
#41
Methacrylonitrile
Concen: 18.991 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01

Tgt Ion: 41 Resp: 27919
Ion Ratio Lower Upper
41 100
39 51.8 42.6 64.0
67 89.1 77.5 116.3
52 37.7 28.9 43.3

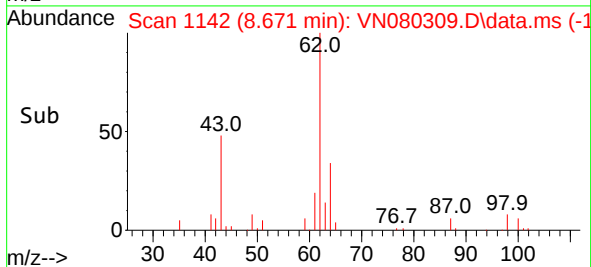
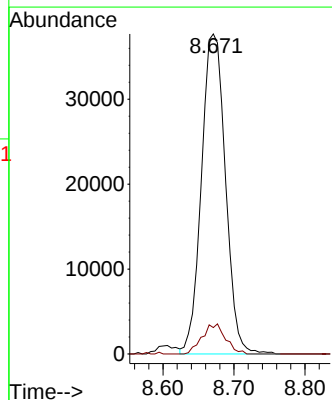
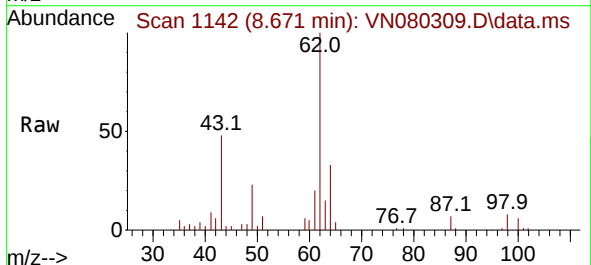
Manual Integrations
APPROVED

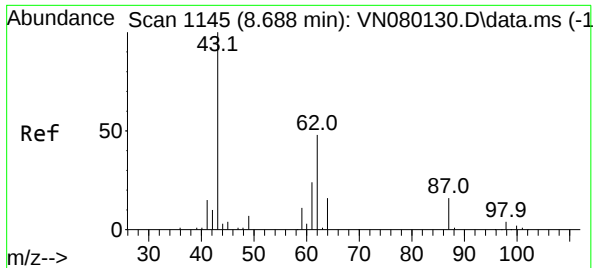
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#42
1,2-Dichloroethane
Concen: 19.787 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion: 62 Resp: 88793
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 16.259 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBSD01

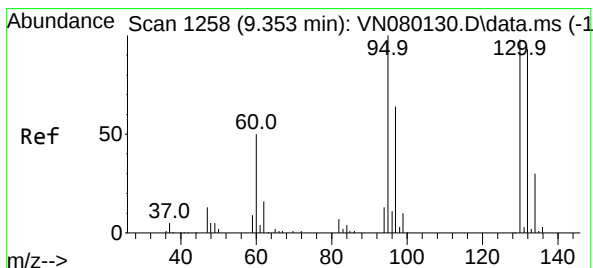
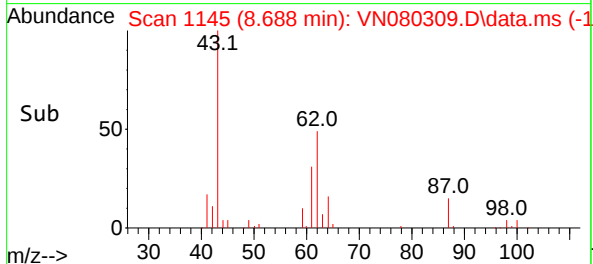
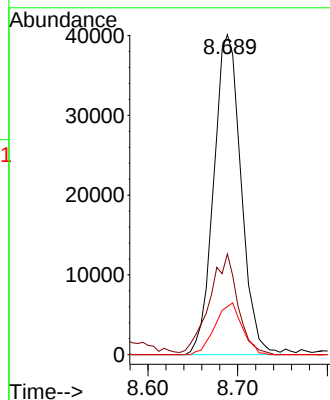
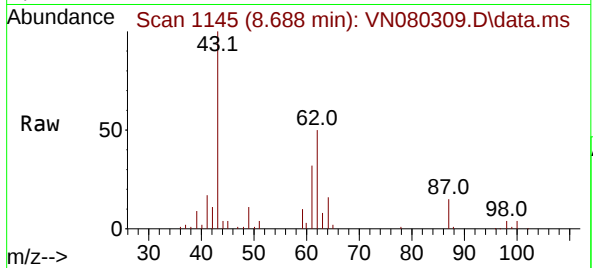
Tgt Ion: 43	Resp: 84698
Ion Ratio	Lower Upper
43 100	
61 32.8	24.7 37.1
87 16.1	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#44

Trichloroethene

Concen: 19.649 ug/l

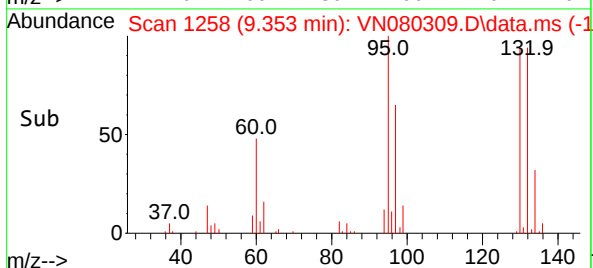
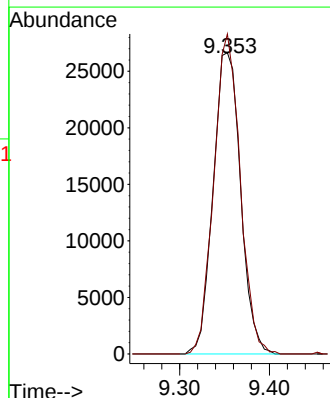
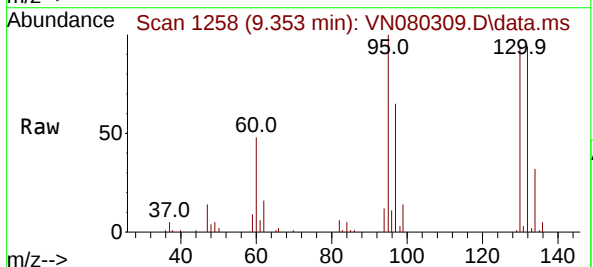
RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Tgt Ion:130	Resp: 56533
Ion Ratio	Lower Upper
130 100	
95 106.2	0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.482 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBSD01

Tgt Ion: 63 Resp: 52209

Ion Ratio Lower Upper

63 100

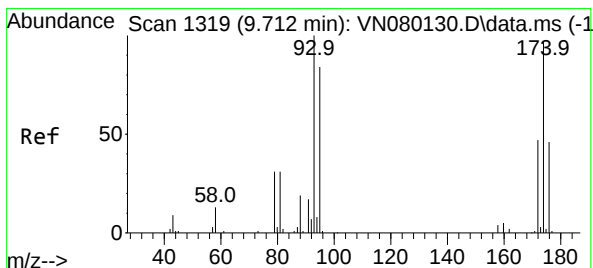
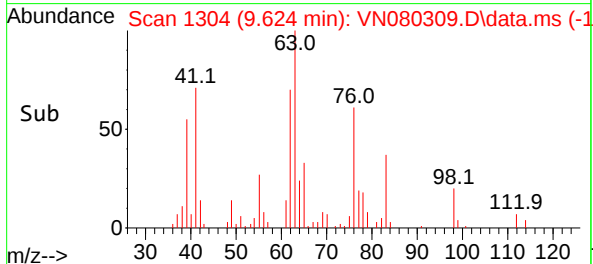
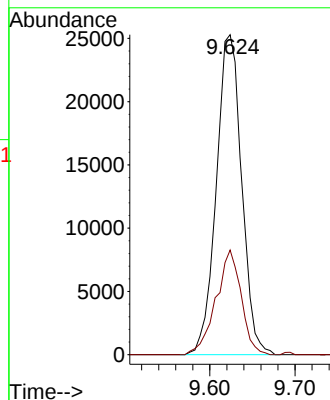
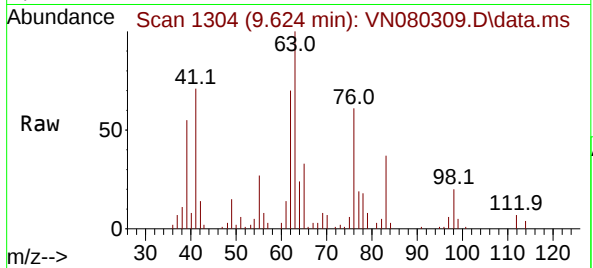
65 32.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#46

Dibromomethane

Concen: 20.041 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

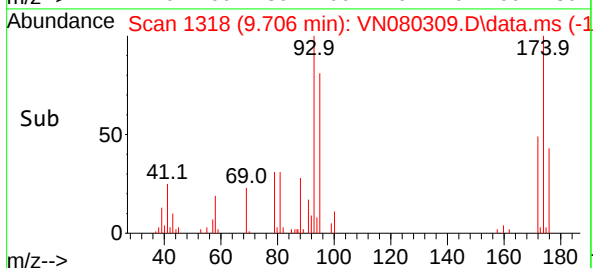
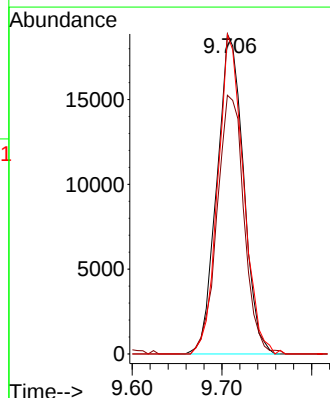
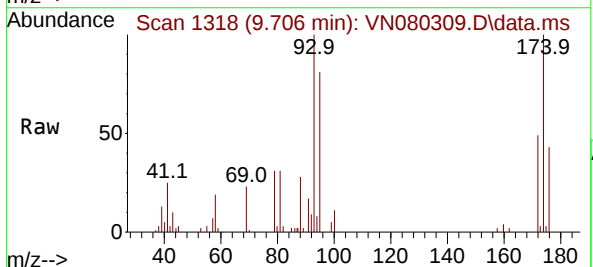
Tgt Ion: 93 Resp: 38669

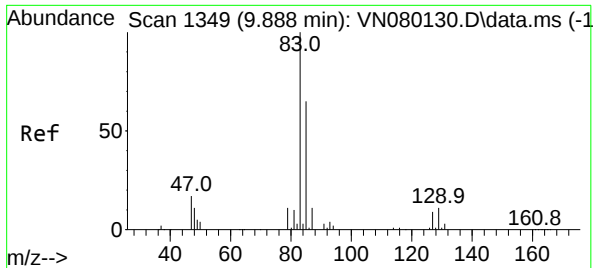
Ion Ratio Lower Upper

93 100

95 82.2 63.8 95.8

174 96.2 65.6 98.4





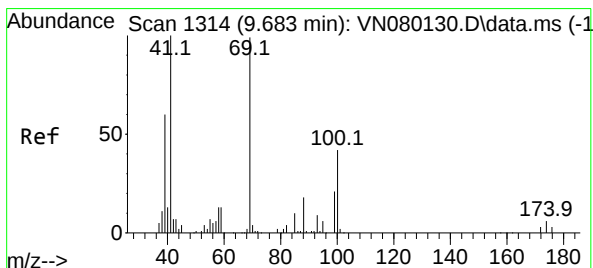
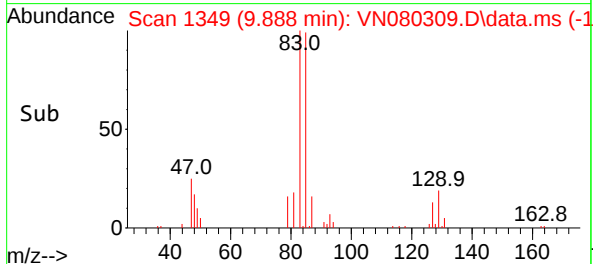
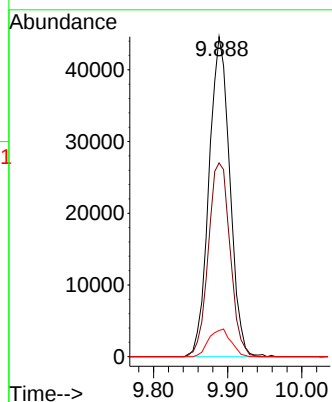
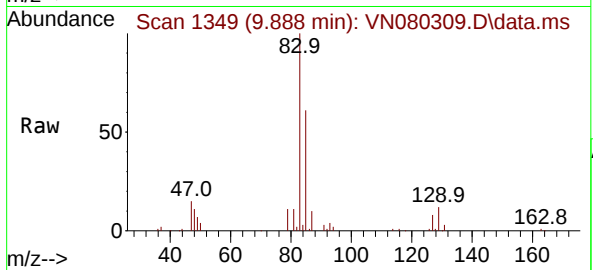
#47
Bromodichloromethane
Concen: 20.540 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01

Tgt Ion: 83 Resp: 87180
Ion Ratio Lower Upper
83 100
85 60.6 49.6 74.4
127 8.2 7.0 10.6

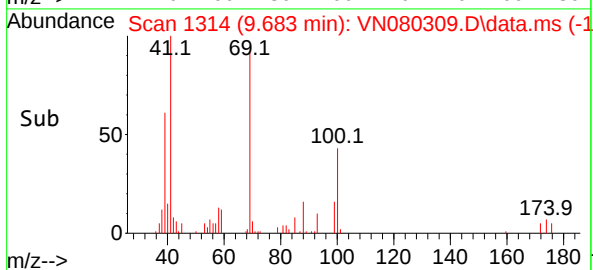
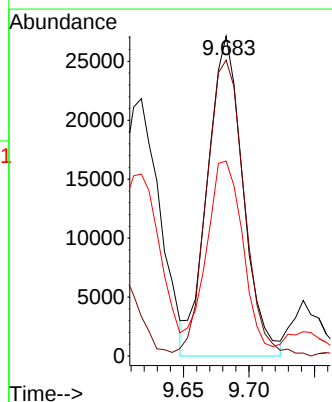
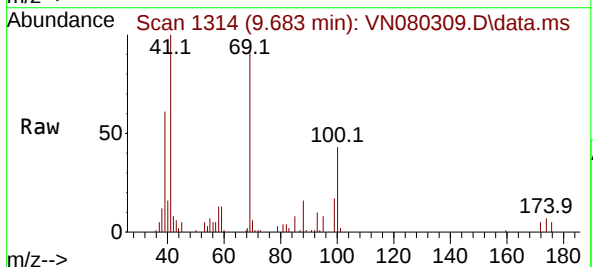
Manual Integrations
APPROVED

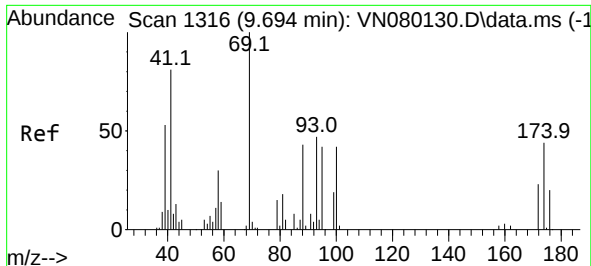
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#48
Methyl methacrylate
Concen: 19.100 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion: 41 Resp: 51275
Ion Ratio Lower Upper
41 100
69 97.2 90.4 135.6
39 63.7 54.6 81.8





#49

1,4-Dioxane

Concen: 349.439 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

Tgt Ion: 88 Resp: 15600

Ion Ratio Lower Upper

88 100

43 24.8 17.0 25.6

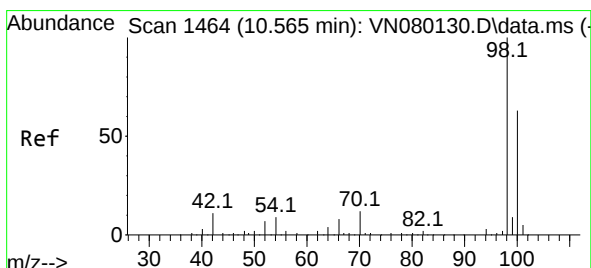
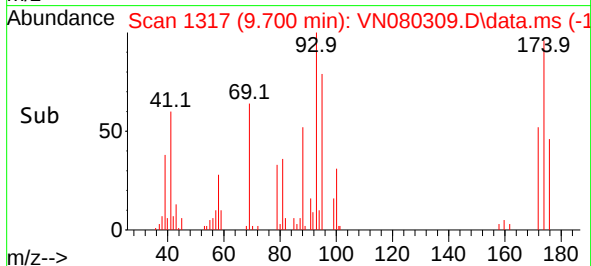
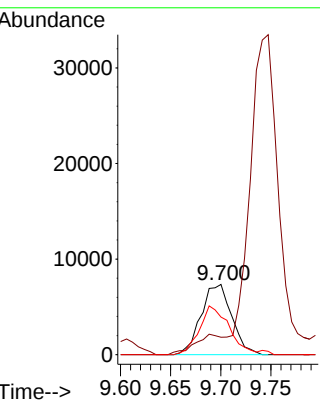
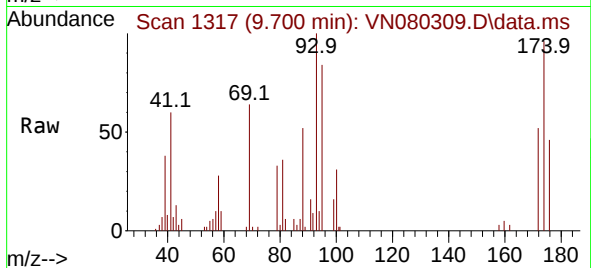
58 69.1 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#50

Toluene-d8

Concen: 48.543 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080309.D

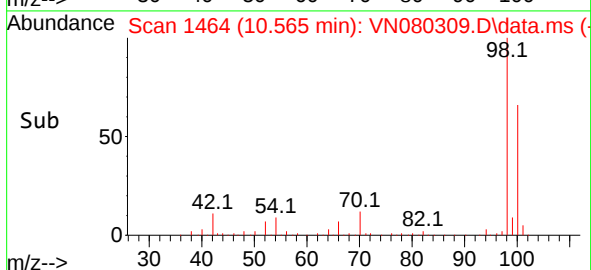
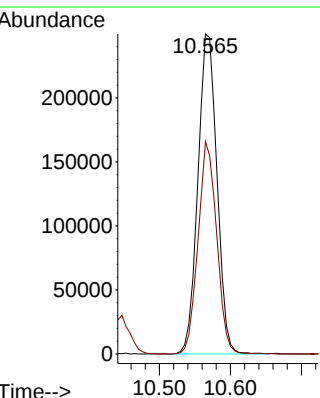
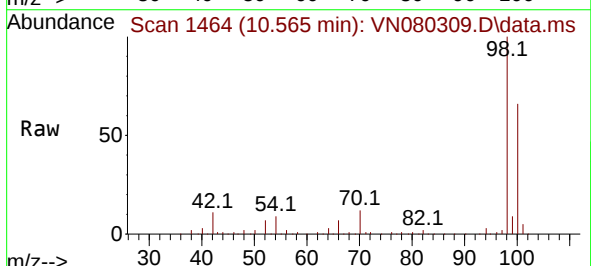
Acq: 29 Nov 2023 15:08

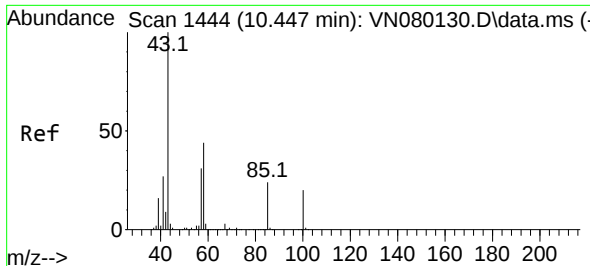
Tgt Ion: 98 Resp: 466447

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





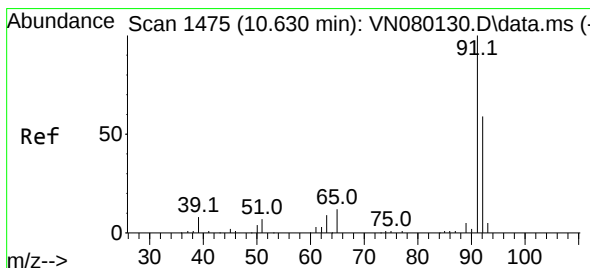
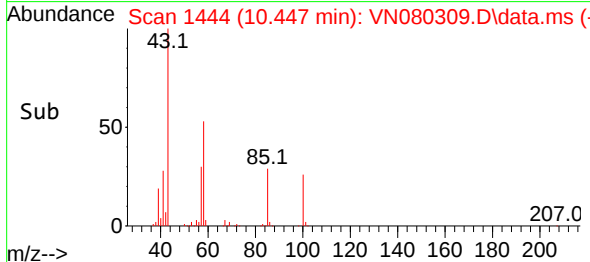
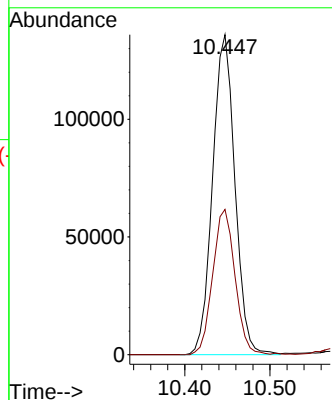
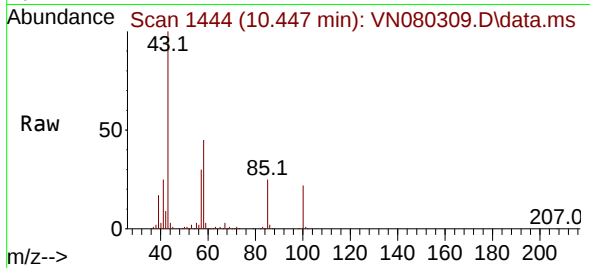
#51
4-Methyl-2-Pentanone
Concen: 91.878 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01

Tgt Ion: 43 Resp: 24779
Ion Ratio Lower Upper
43 100
58 45.2 36.6 54.8

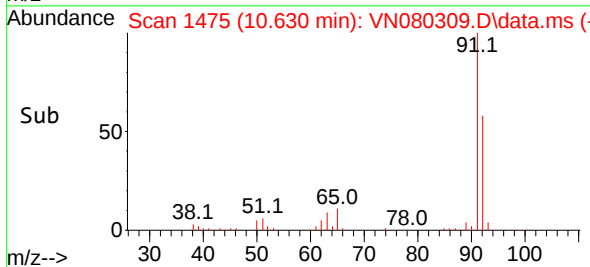
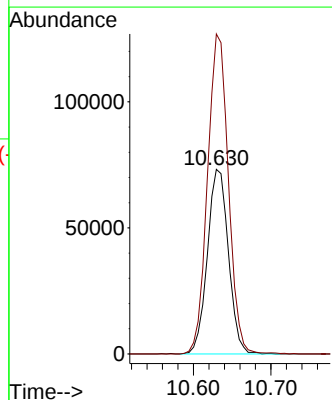
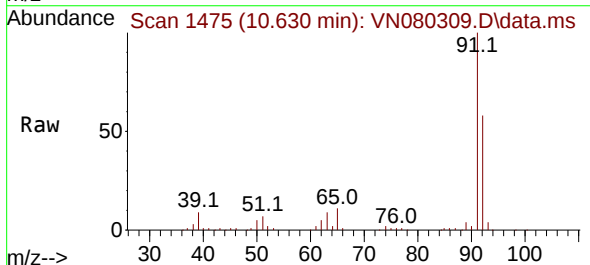
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#52
Toluene
Concen: 20.112 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion: 92 Resp: 138058
Ion Ratio Lower Upper
92 100
91 172.0 137.4 206.0





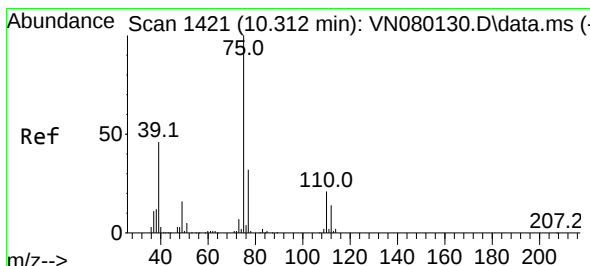
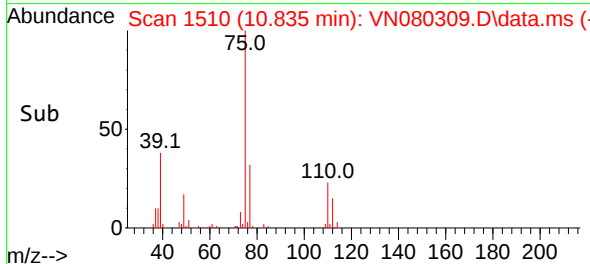
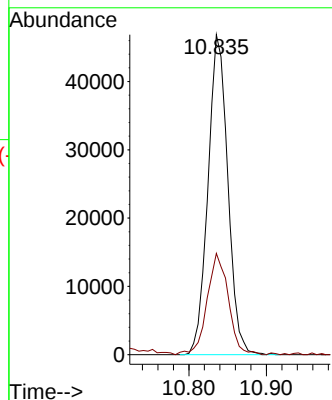
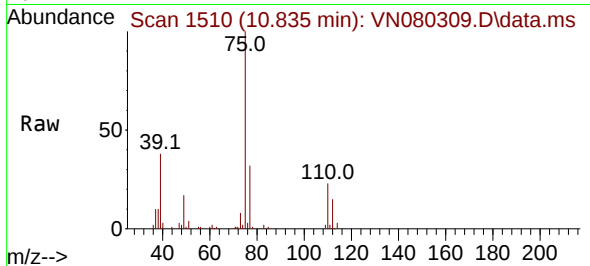
#53
t-1,3-Dichloropropene
Concen: 19.091 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01

Tgt Ion: 75 Resp: 8325
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

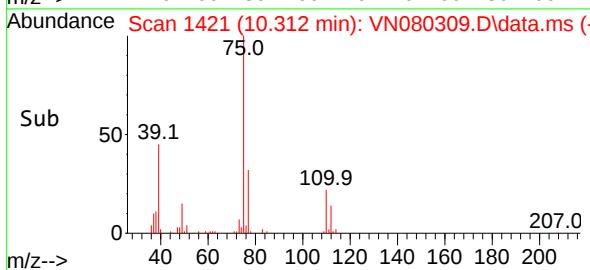
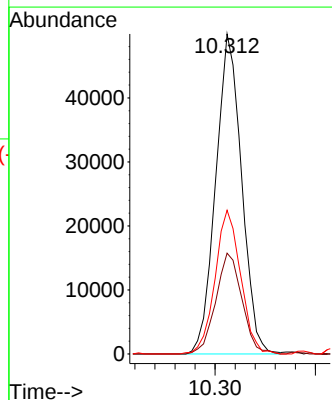
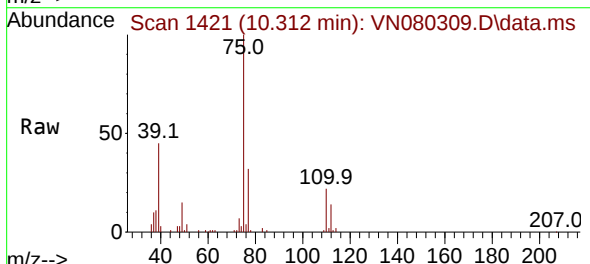
Manual Integrations
APPROVED

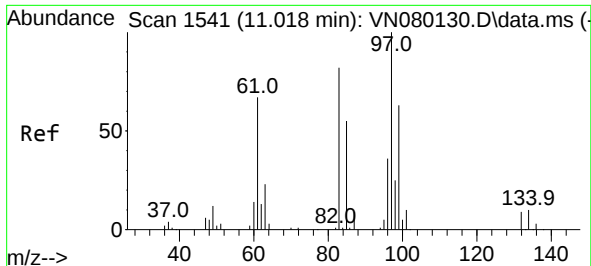
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#54
cis-1,3-Dichloropropene
Concen: 20.112 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

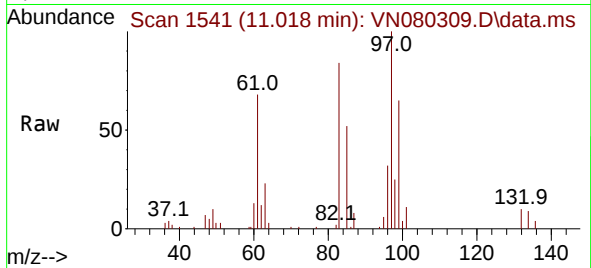
Tgt Ion: 75 Resp: 89603
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1
39 44.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.709 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

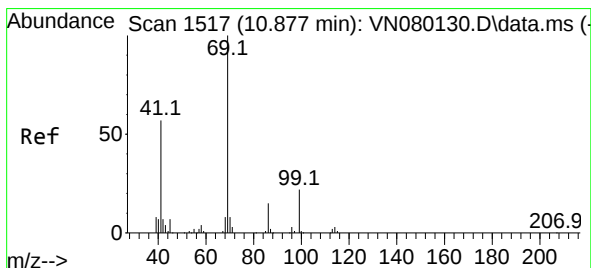
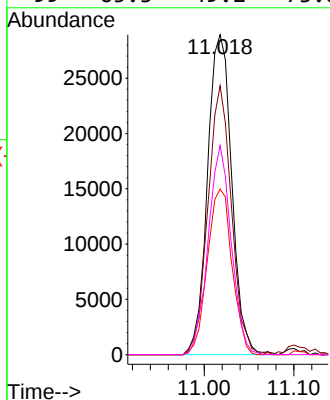
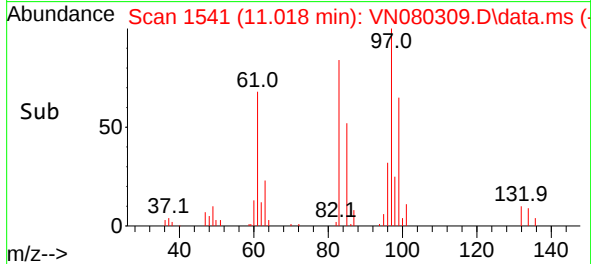
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01



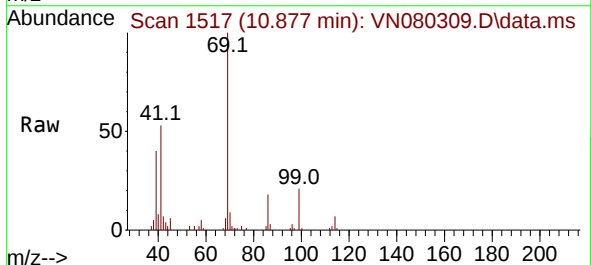
Tgt Ion:	97	Resp:	5425
Ion Ratio	100	Lower	Upper
97	100		
83	84.1	65.1	97.7
85	51.8	43.4	65.2
99	65.3	49.2	73.8

Manual Integrations
APPROVED

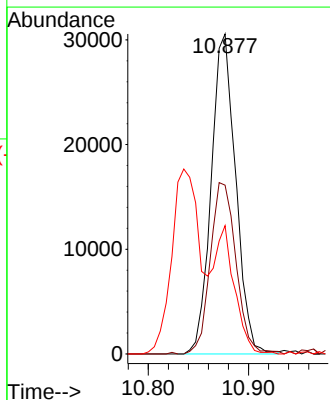
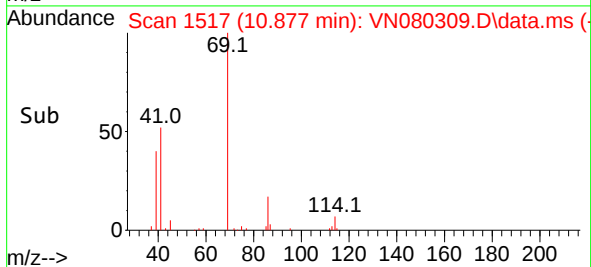
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

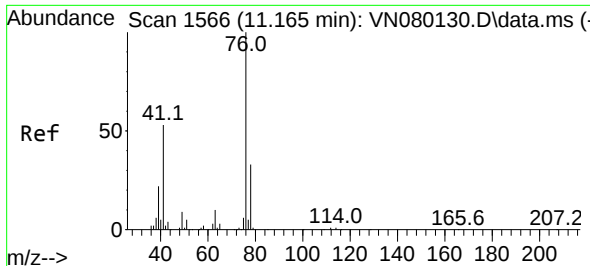


#56
Ethyl methacrylate
Concen: 19.412 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08



Tgt Ion:	69	Resp:	51955
Ion Ratio	100	Lower	Upper
69	100		
41	56.3	39.6	59.4
39	33.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.147 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

Tgt Ion: 76 Resp: 92158

Ion Ratio Lower Upper

76 100

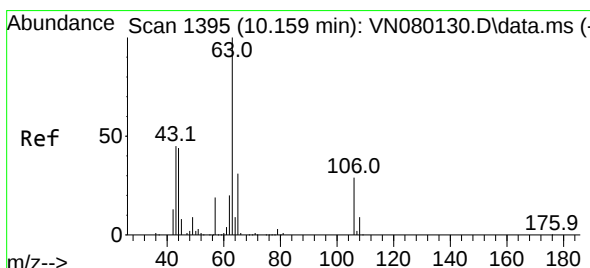
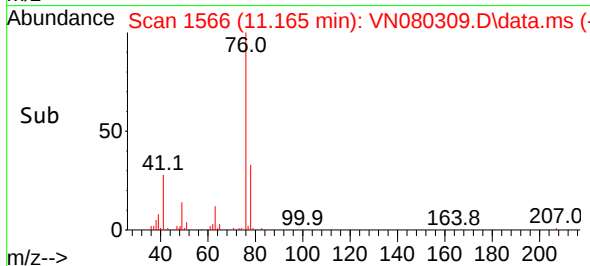
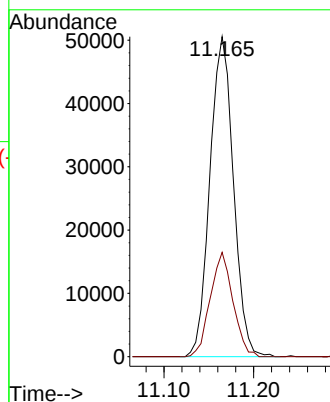
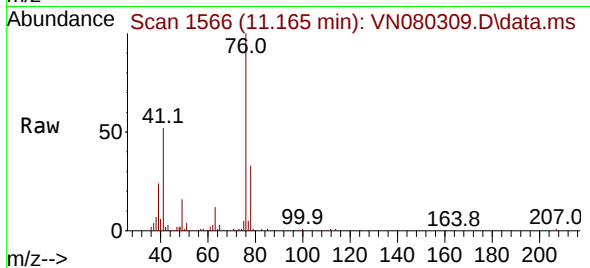
78 31.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 73.559 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080309.D

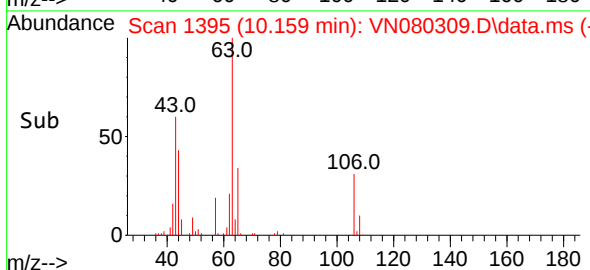
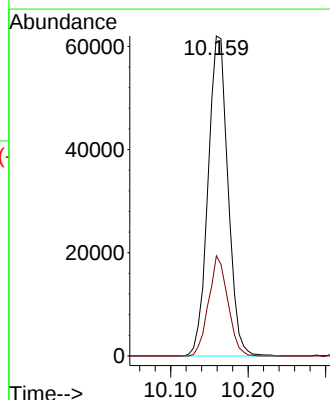
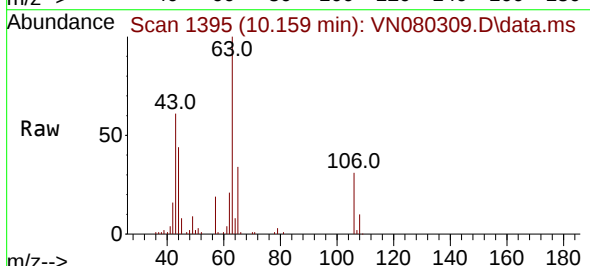
Acq: 29 Nov 2023 15:08

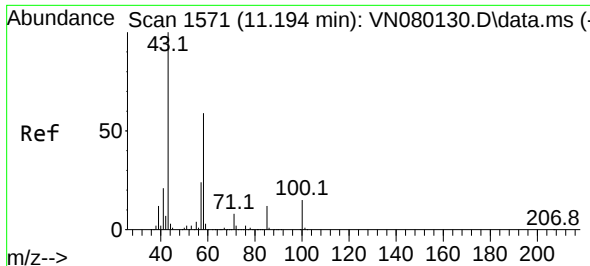
Tgt Ion: 63 Resp: 110915

Ion Ratio Lower Upper

63 100

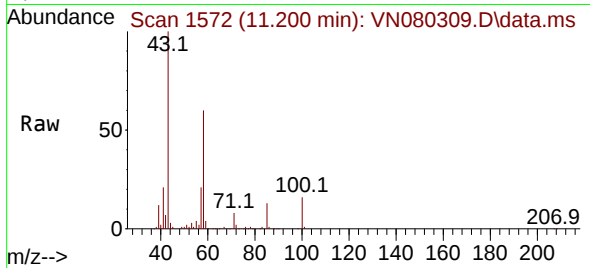
106 30.3 26.2 39.4





#59
2-Hexanone
Concen: 82.800 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

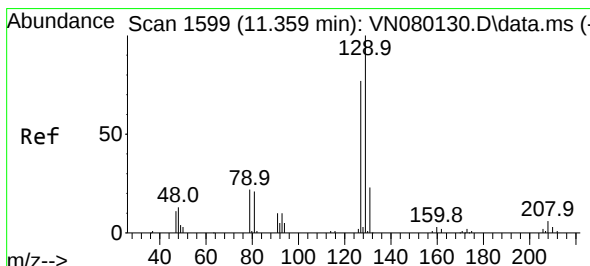
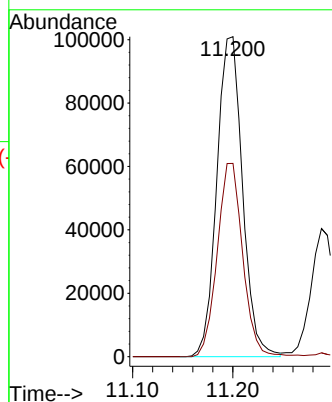
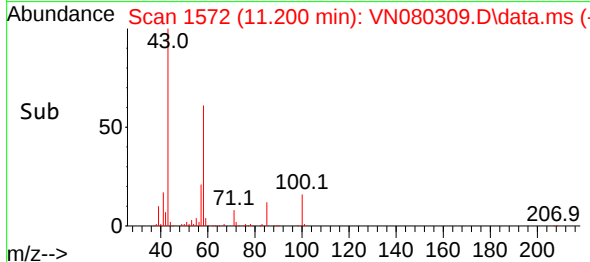
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 43 Resp: 179439
Ion Ratio Lower Upper
43 100
58 59.9 31.7 95.1

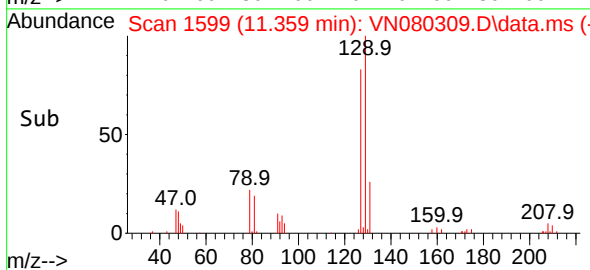
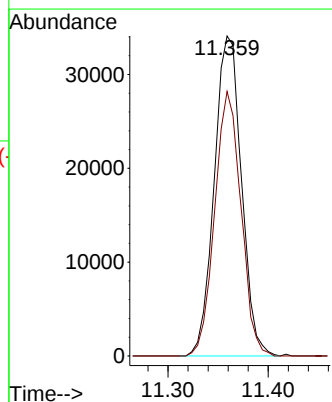
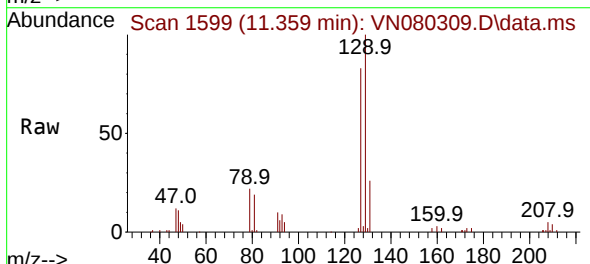
Manual Integrations
APPROVED

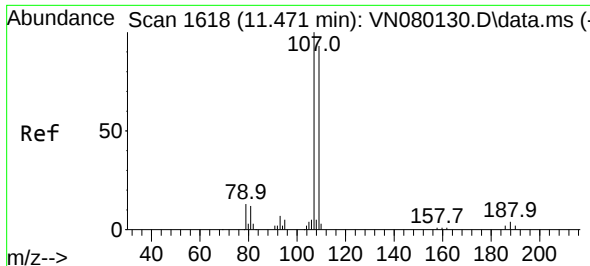
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#60
Dibromochloromethane
Concen: 20.452 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion:129 Resp: 64151
Ion Ratio Lower Upper
129 100
127 79.7 38.6 116.0





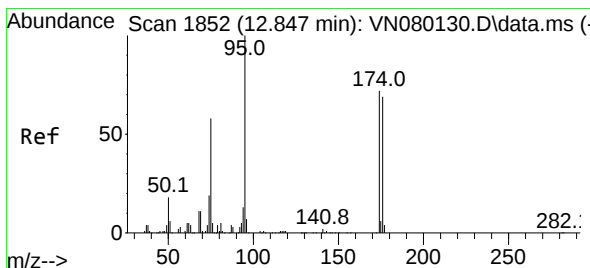
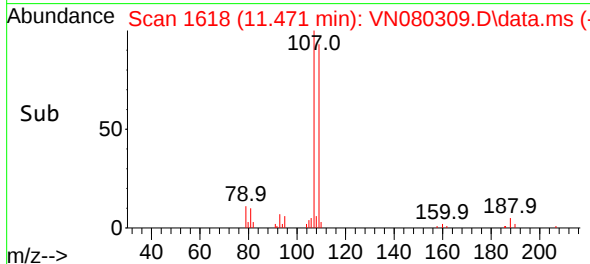
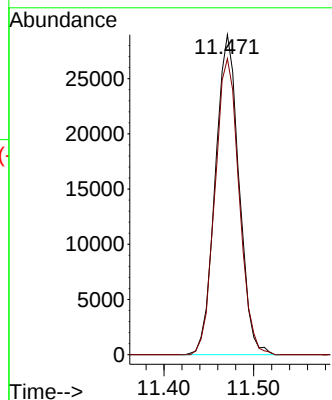
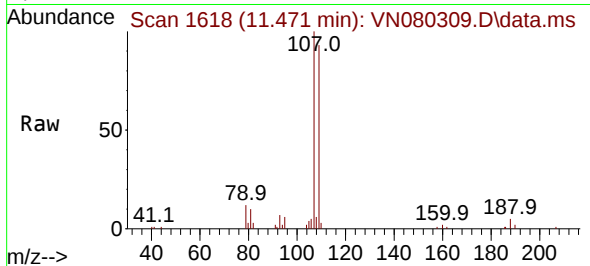
#61
1,2-Dibromoethane
Concen: 19.841 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01

Tgt Ion:107 Resp: 53030
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8

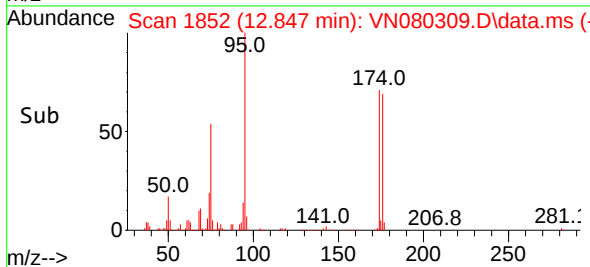
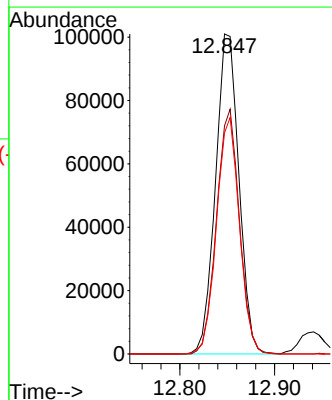
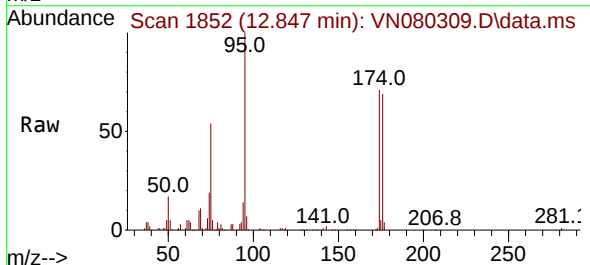
Manual Integrations
APPROVED

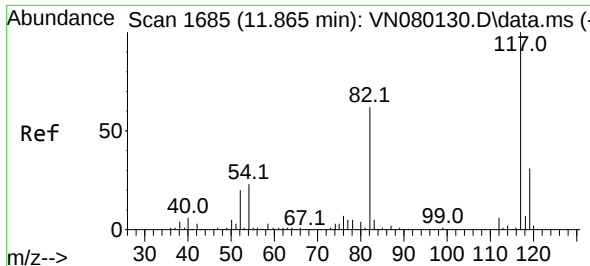
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#62
4-Bromofluorobenzene
Concen: 47.825 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

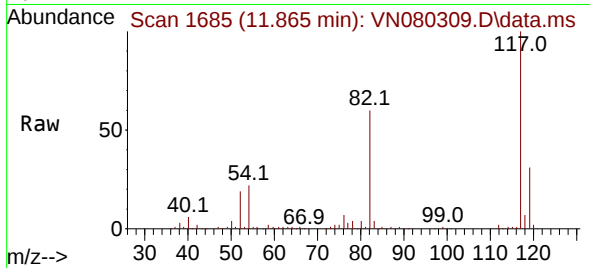
Tgt Ion: 95 Resp: 173580
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 72.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

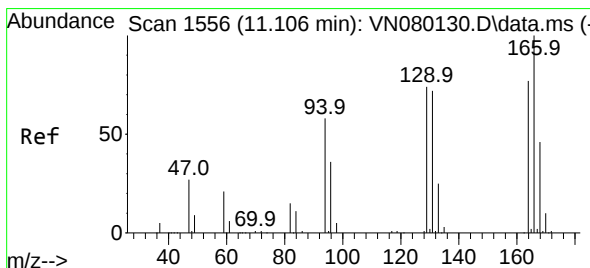
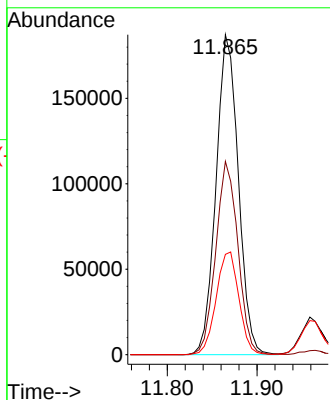
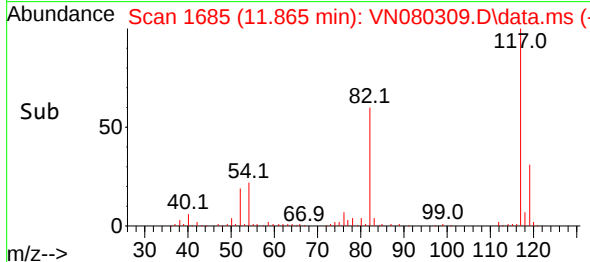
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



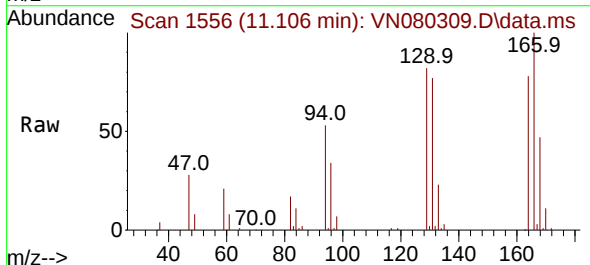
Tgt Ion:117 Resp: 323498
Ion Ratio Lower Upper
117 100
82 60.4 44.0 66.0
119 31.4 25.6 38.4

Manual Integrations
APPROVED

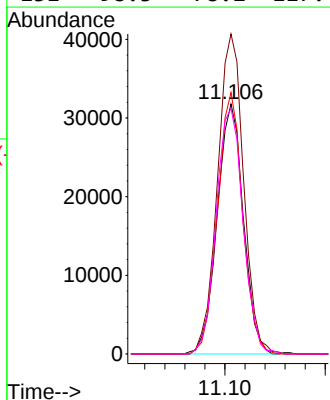
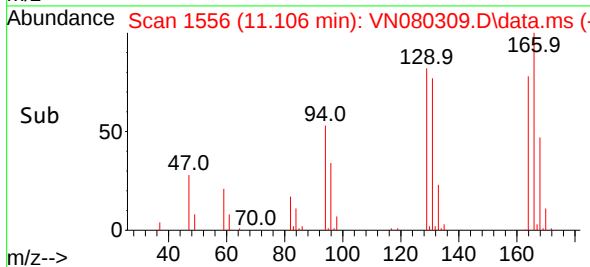
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

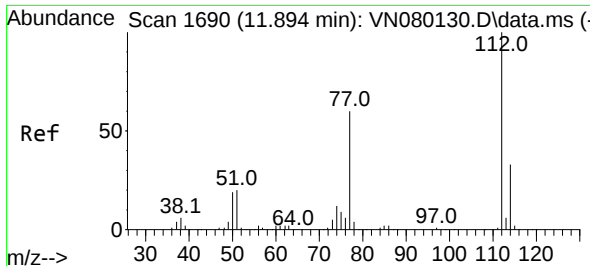


#64
Tetrachloroethene
Concen: 23.325 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08



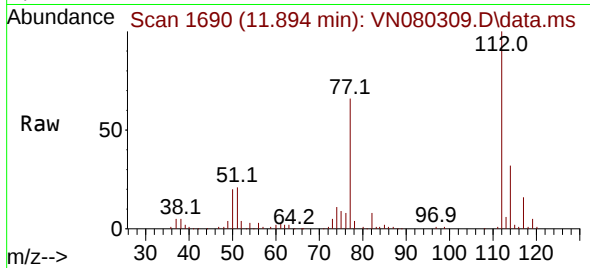
Tgt Ion:164 Resp: 57586
Ion Ratio Lower Upper
164 100
166 128.1 101.4 152.0
129 104.6 82.4 123.6
131 98.3 78.2 117.4





#65
Chlorobenzene
Concen: 19.715 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

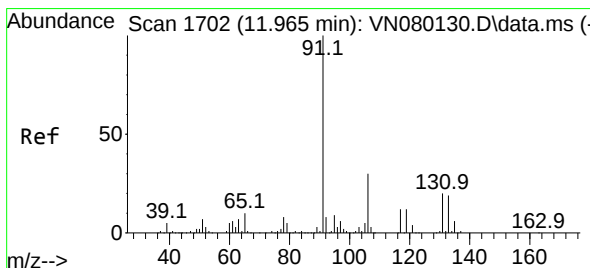
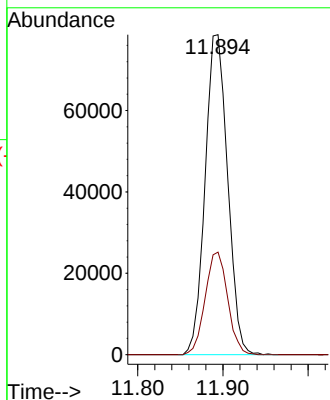
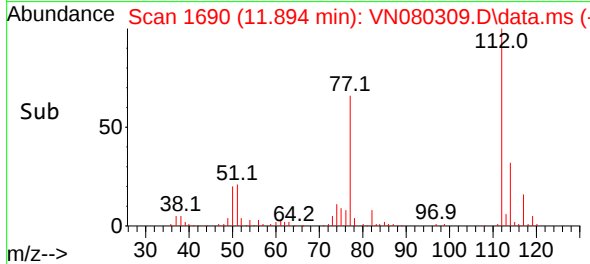
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



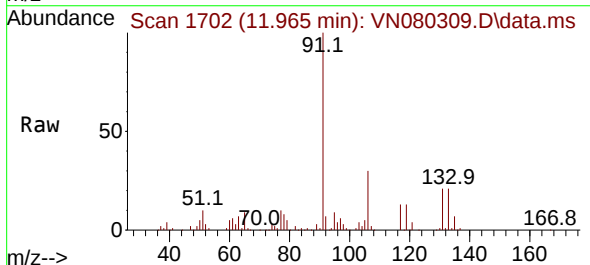
Tgt Ion:112 Resp: 144510
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

Manual Integrations
APPROVED

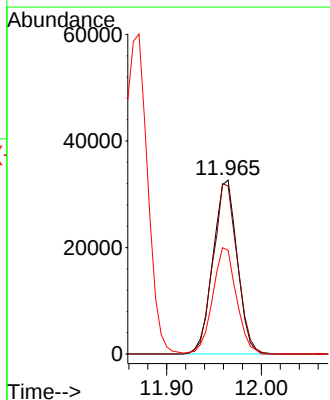
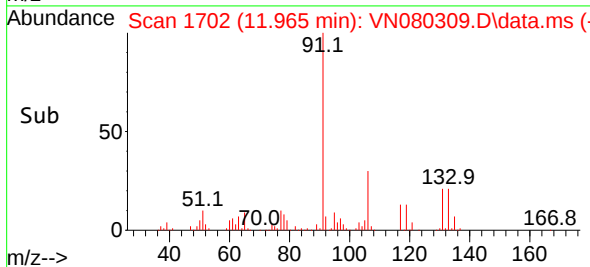
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

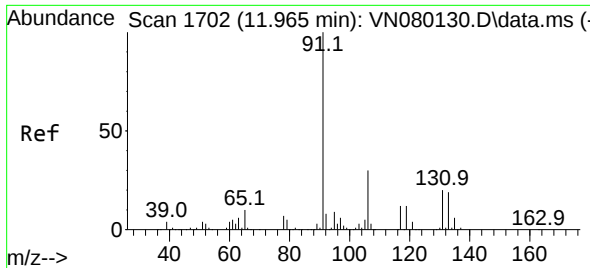


#66
1,1,1,2-Tetrachloroethane
Concen: 20.393 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08



Tgt Ion:131 Resp: 58011
Ion Ratio Lower Upper
131 100
133 98.2 46.4 139.1
119 60.1 34.1 102.2





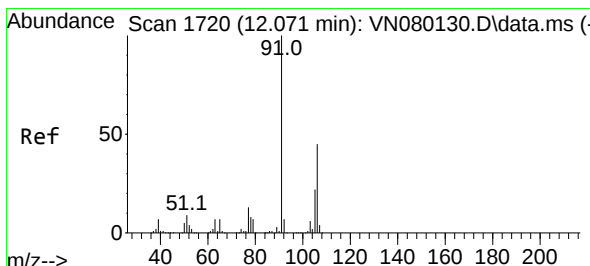
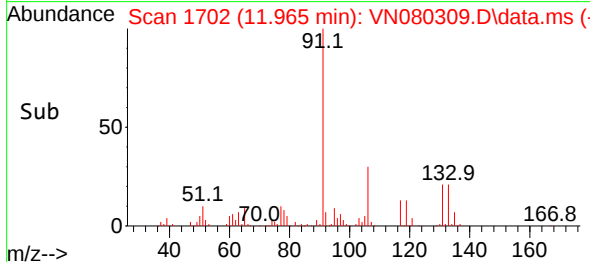
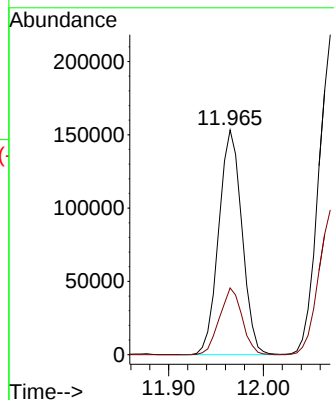
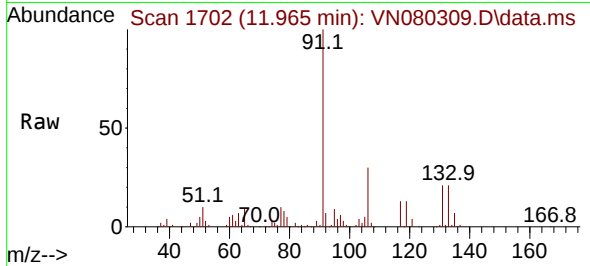
#67
Ethyl Benzene
Concen: 20.068 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01

Tgt Ion: 91 Resp: 261764
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

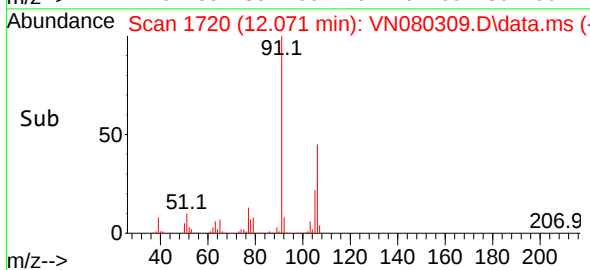
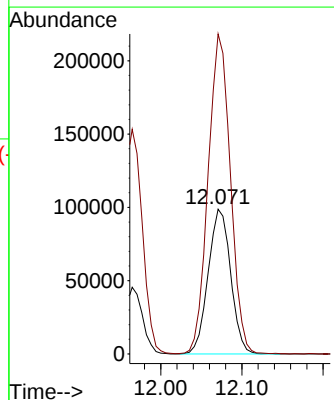
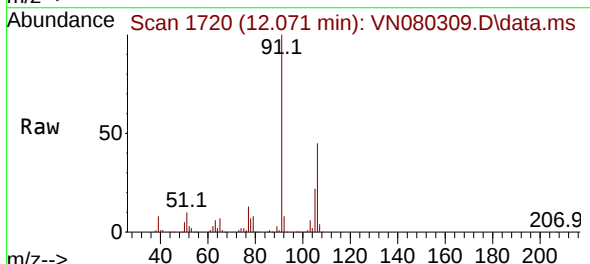
Manual Integrations
APPROVED

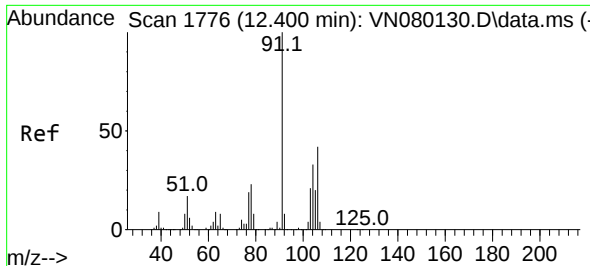
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#68
m/p-Xylenes
Concen: 39.974 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion:106 Resp: 190112
Ion Ratio Lower Upper
106 100
91 219.4 159.6 239.4





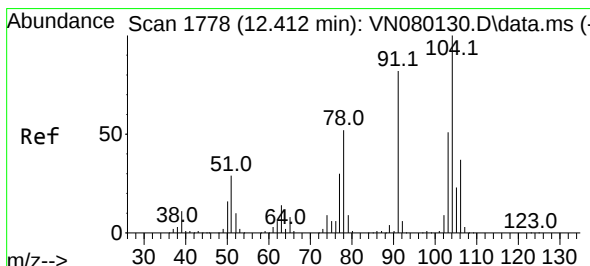
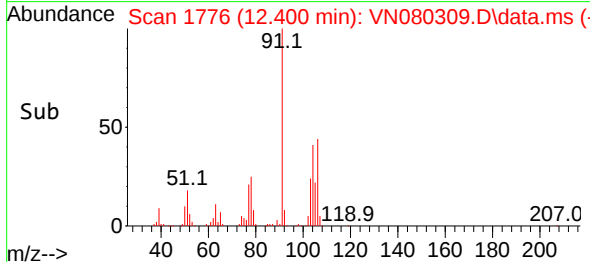
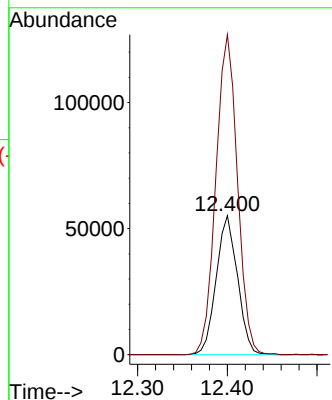
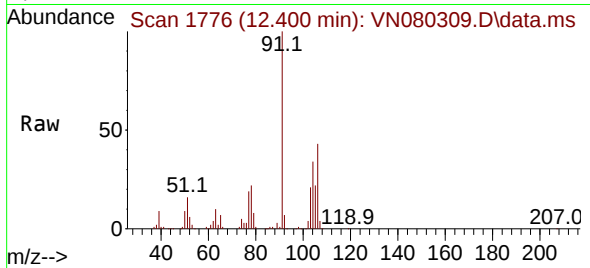
#69
o-Xylene
Concen: 20.293 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion:106 Resp: 9095
Ion Ratio Lower Upper
106 100
91 233.0 105.2 315.5

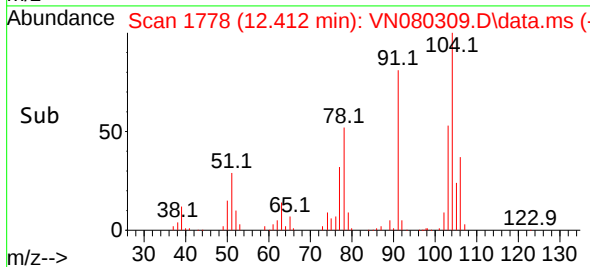
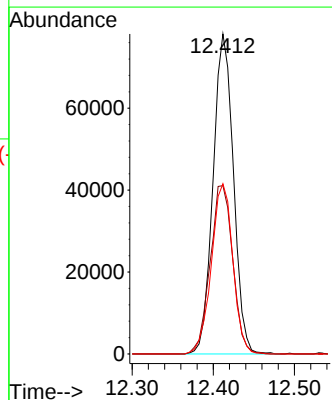
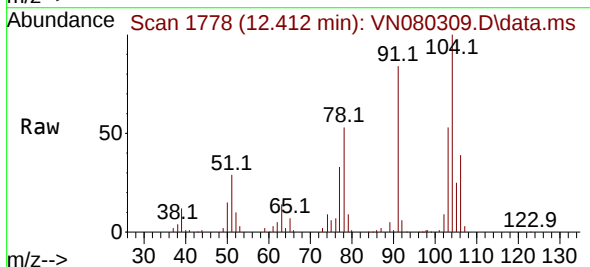
Manual Integrations
APPROVED

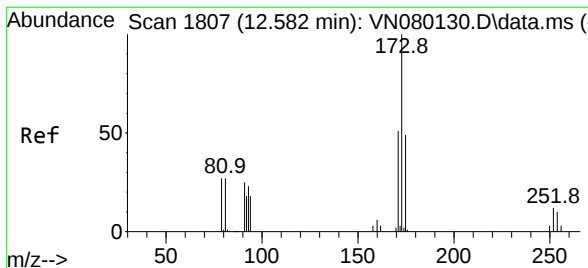
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#70
Styrene
Concen: 20.447 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion:104 Resp: 136399
Ion Ratio Lower Upper
104 100
78 58.4 39.5 59.3
103 55.9 43.2 64.8





#71

Bromoform

Concen: 20.380 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBSD01

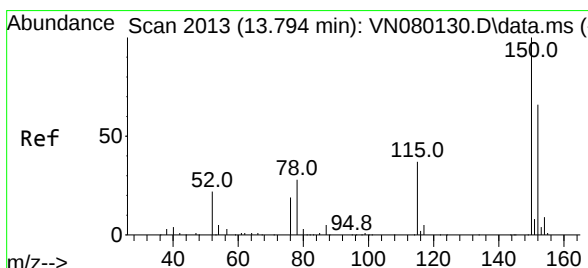
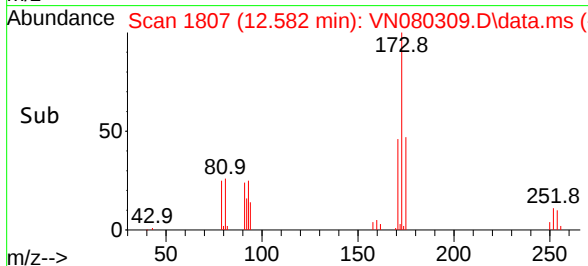
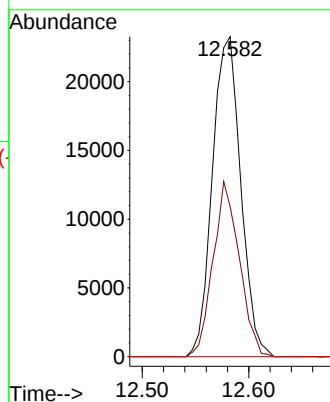
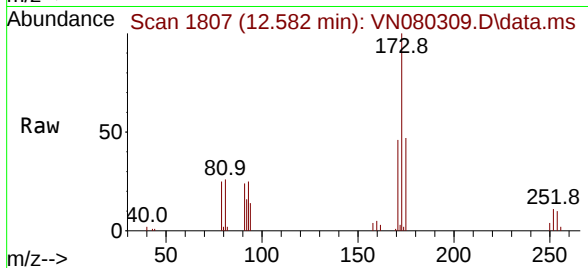
Tgt Ion:173 Resp: 42990
 Ion Ratio Lower Upper
 173 100
 175 50.8 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

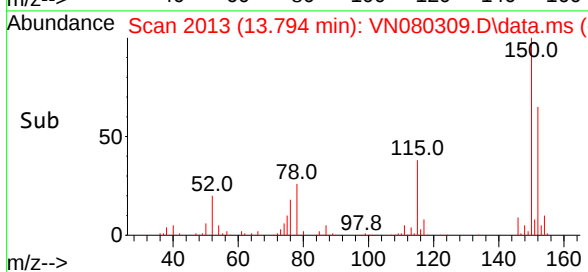
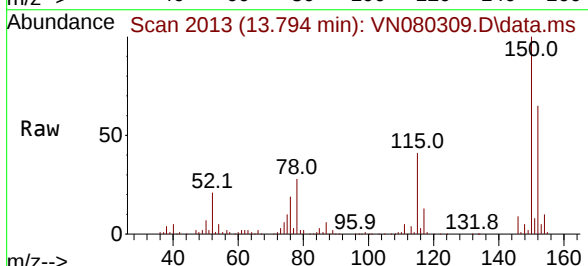
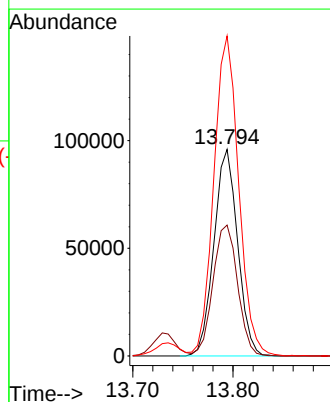
RT: 13.794 min Scan# 2013

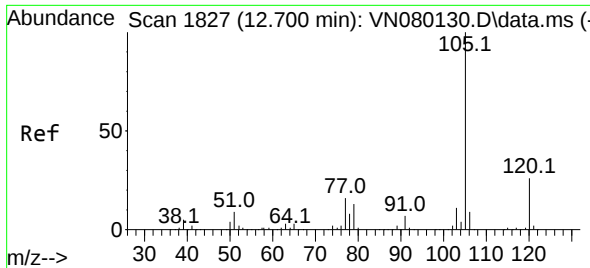
Delta R.T. 0.000 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Tgt Ion:152 Resp: 157368
 Ion Ratio Lower Upper
 152 100
 115 65.8 32.3 96.8
 150 162.8 0.0 355.8





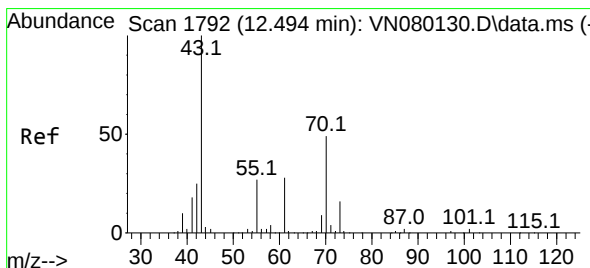
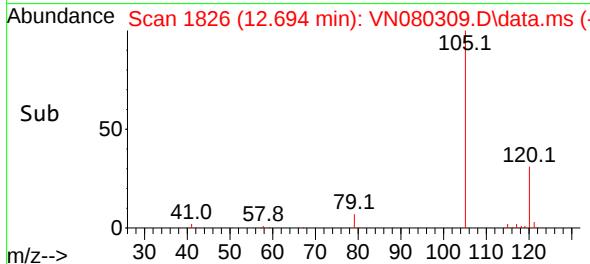
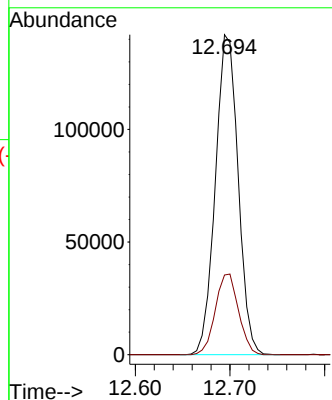
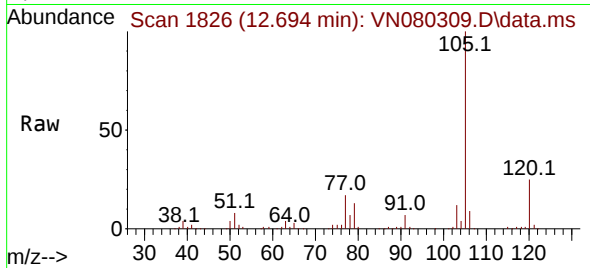
#73
Isopropylbenzene
Concen: 19.420 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion:105 Resp: 237480
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

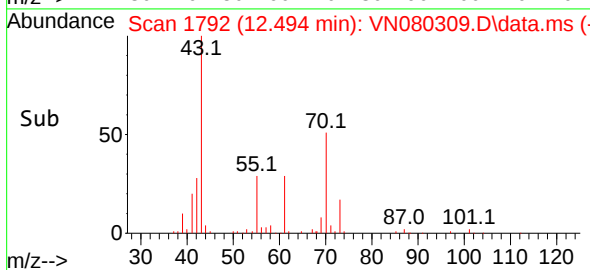
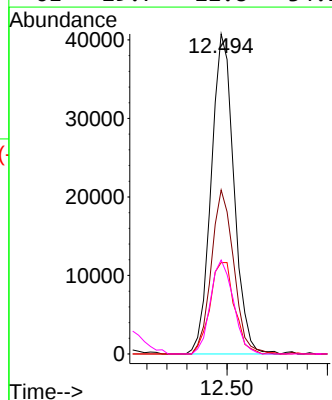
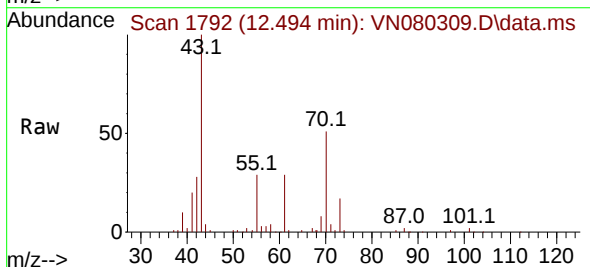
Manual Integrations
APPROVED

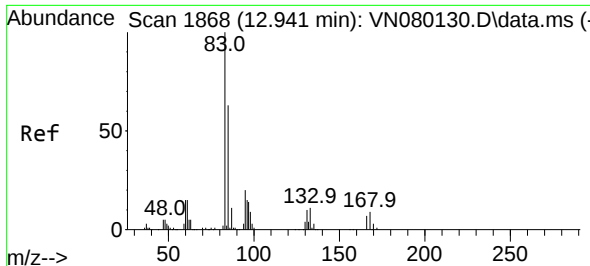
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#74
N-ethyl acetate
Concen: 16.753 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

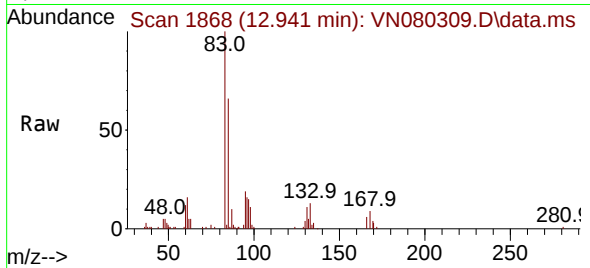
Tgt Ion: 43 Resp: 63887
Ion Ratio Lower Upper
43 100
70 50.8 43.4 65.2
55 31.2 21.4 32.0
61 29.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.072 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

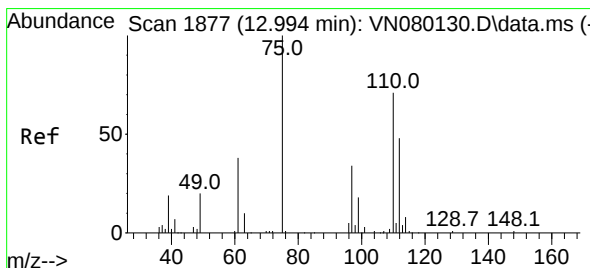
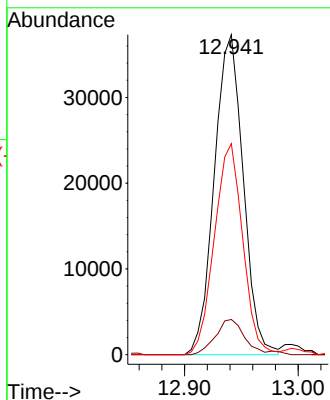
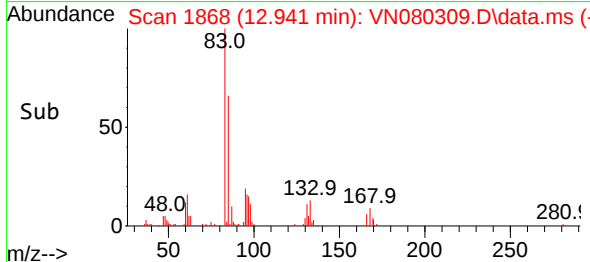
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01



Tgt Ion: 83 Resp: 66149
Ion Ratio Lower Upper
83 100
131 11.4 5.0 15.0
85 64.5 31.9 95.7

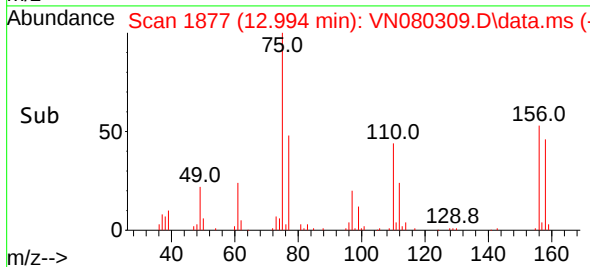
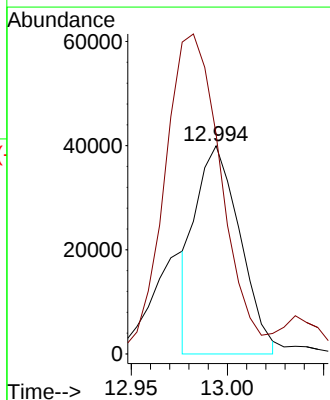
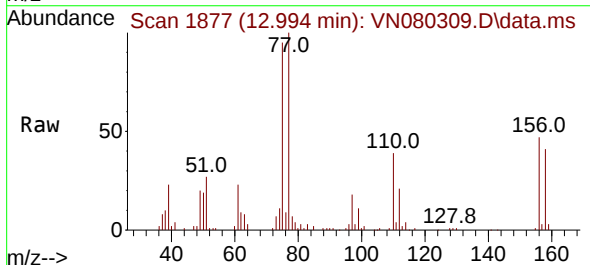
Manual Integrations
APPROVED

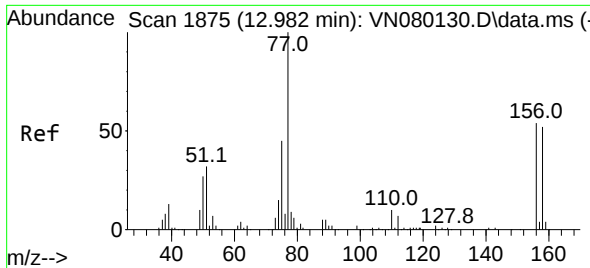
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#76
1,2,3-Trichloropropane
Concen: 16.565 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

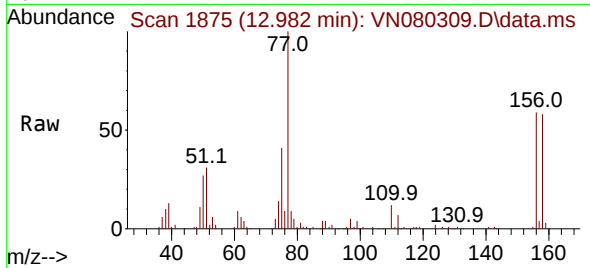
Tgt Ion: 75 Resp: 63873
Ion Ratio Lower Upper
75 100
77 196.7 84.5 253.5





#77
Bromobenzene
Concen: 19.392 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

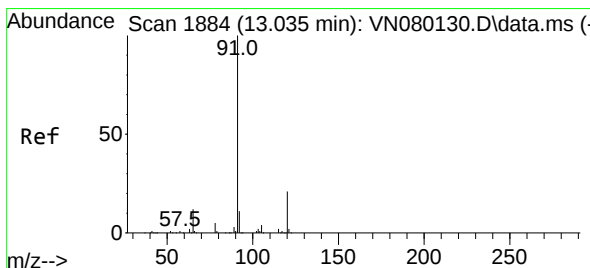
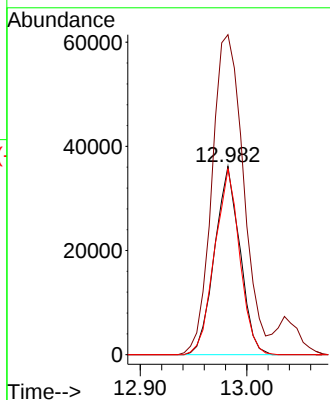
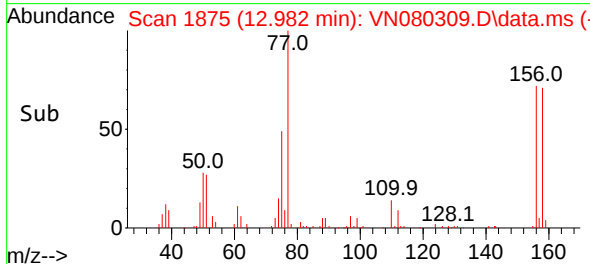
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01



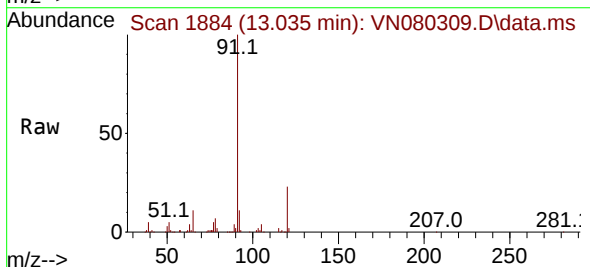
Tgt Ion:156 Resp: 59789
Ion Ratio Lower Upper
156 100
77 210.2 107.7 323.3
158 97.5 48.4 145.3

Manual Integrations
APPROVED

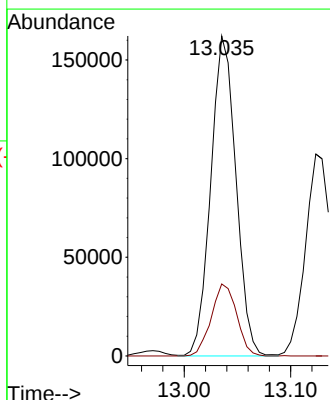
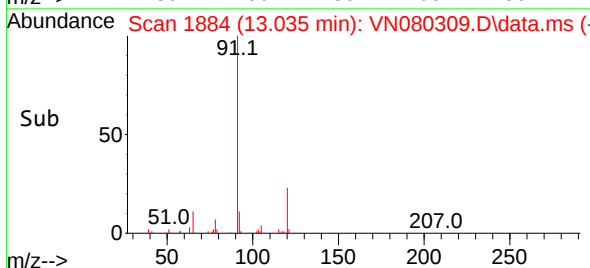
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

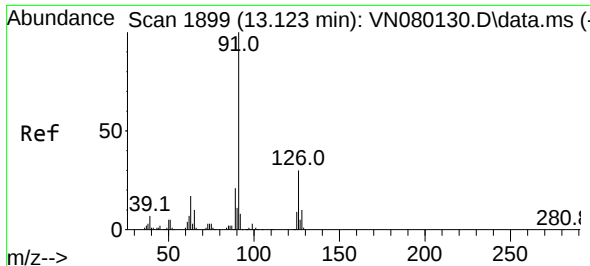


#78
n-propylbenzene
Concen: 19.482 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08



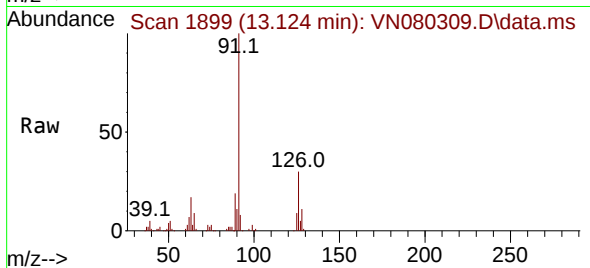
Tgt Ion: 91 Resp: 266411
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.937 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

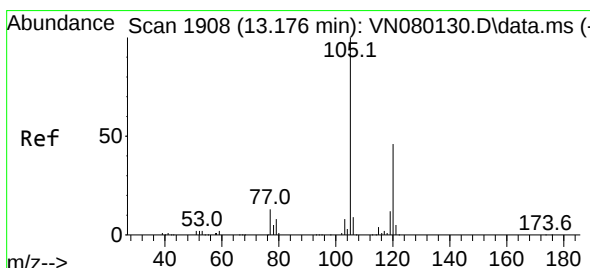
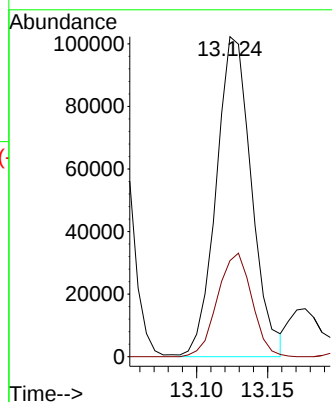
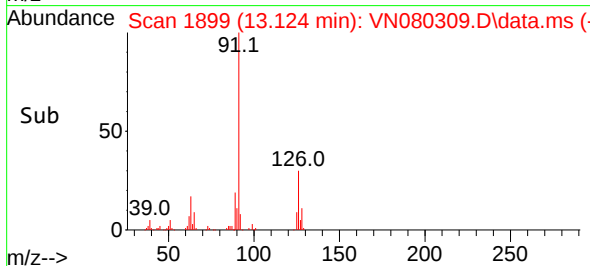
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 91 Resp: 17707
Ion Ratio Lower Upper
91 100
126 31.4 16.3 48.8

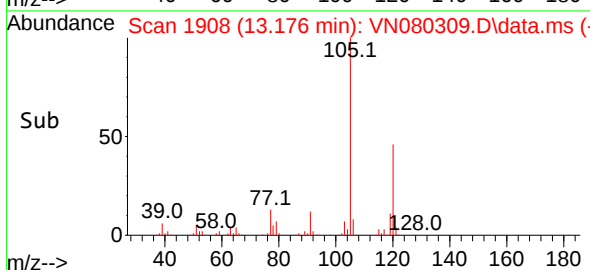
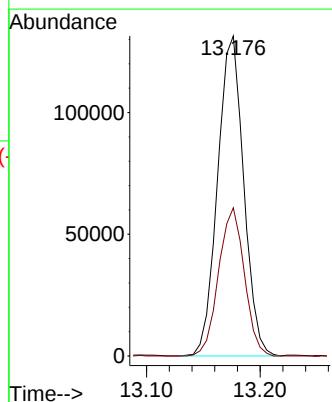
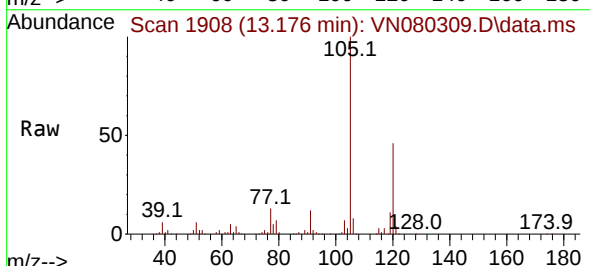
Manual Integrations
APPROVED

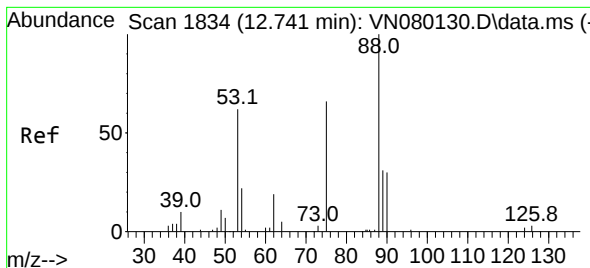
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.719 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

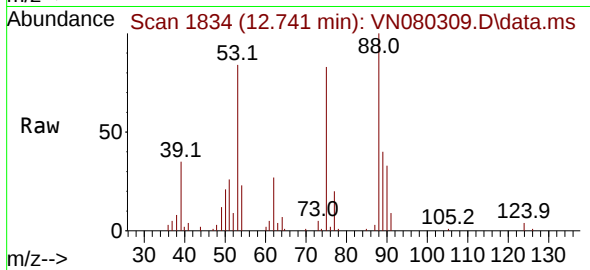
Tgt Ion:105 Resp: 209909
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.588 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

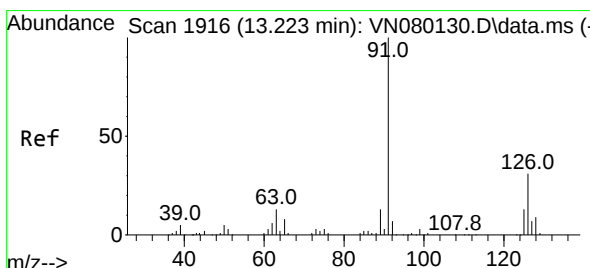
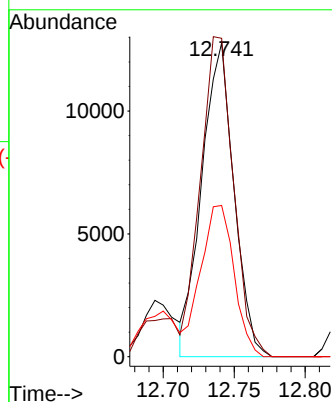
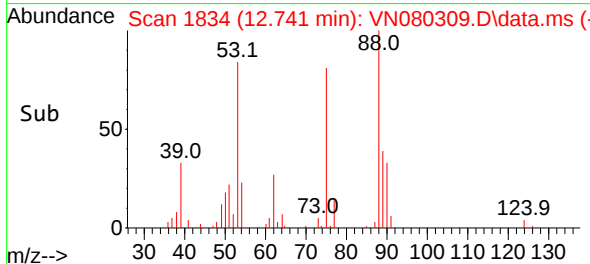
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01



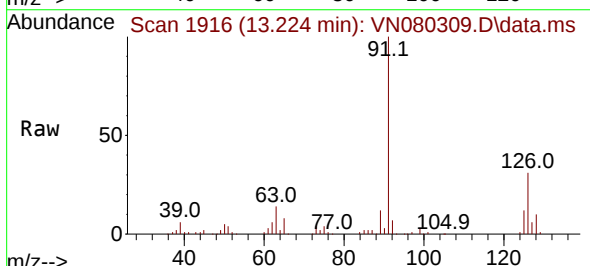
Tgt Ion: 75 Resp: 20072
Ion Ratio Lower Upper
75 100
53 105.0 67.4 101.2
89 50.5 38.8 58.2

Manual Integrations
APPROVED

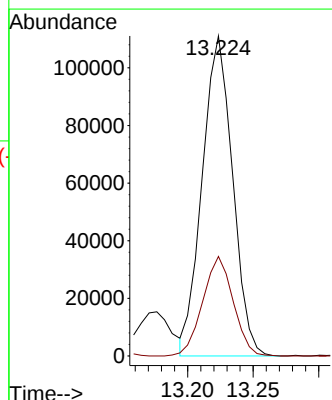
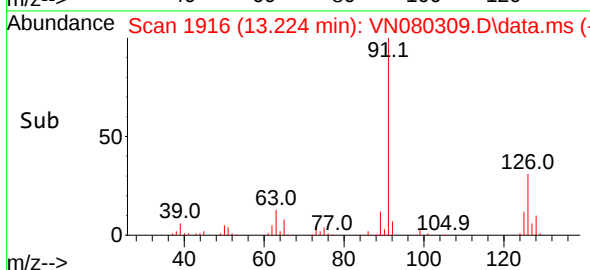
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

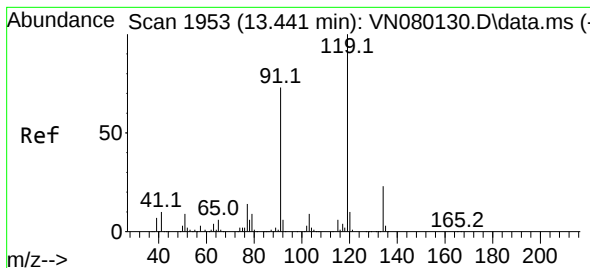


#82
4-Chlorotoluene
Concen: 19.681 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08



Tgt Ion: 91 Resp: 179071
Ion Ratio Lower Upper
91 100
126 31.2 16.7 50.0





#83

tert-Butylbenzene

Concen: 19.229 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

Tgt Ion:119 Resp: 164152

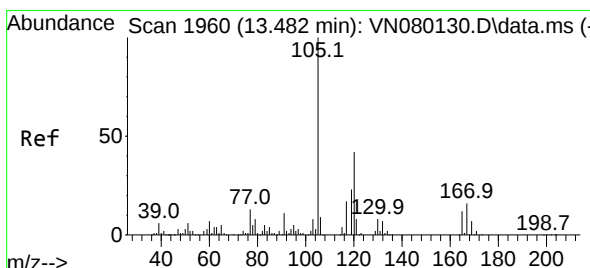
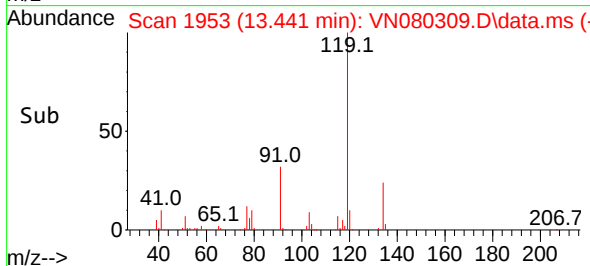
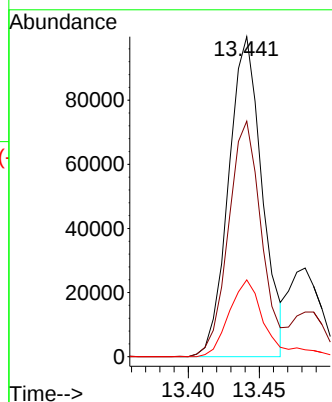
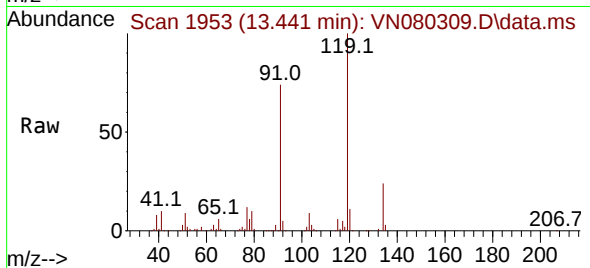
Ion	Ratio	Lower	Upper
119	100		
91	74.0	33.9	101.7
134	25.8	13.2	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.908 ug/l

RT: 13.482 min Scan# 1960

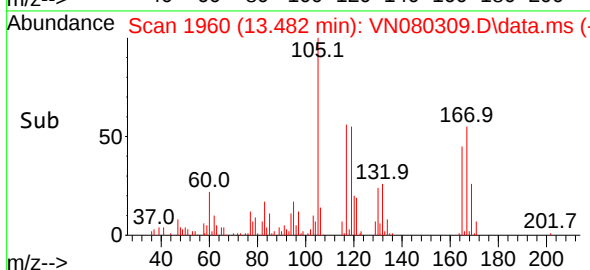
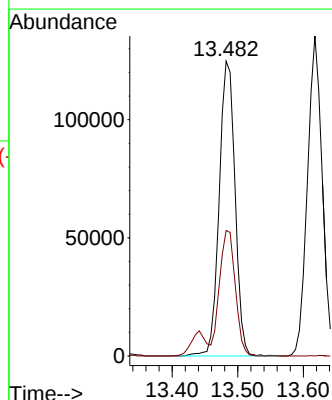
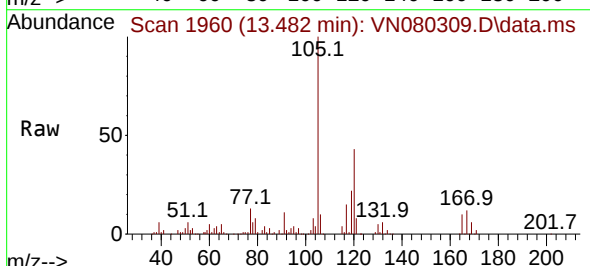
Delta R.T. 0.000 min

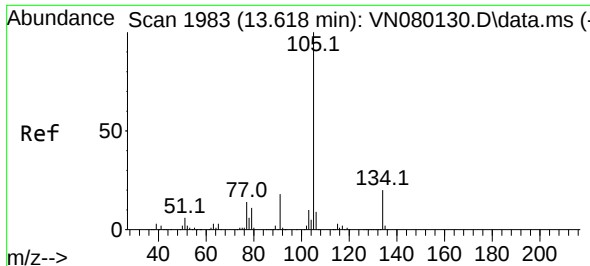
Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Tgt Ion:105 Resp: 208674

Ion	Ratio	Lower	Upper
105	100		
120	42.2	22.0	66.0





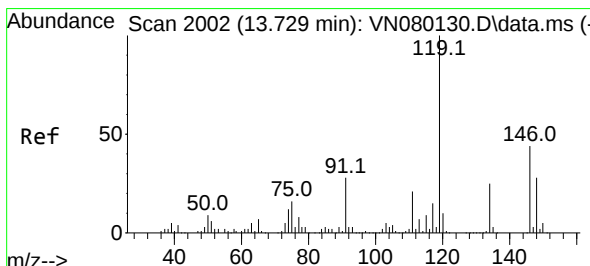
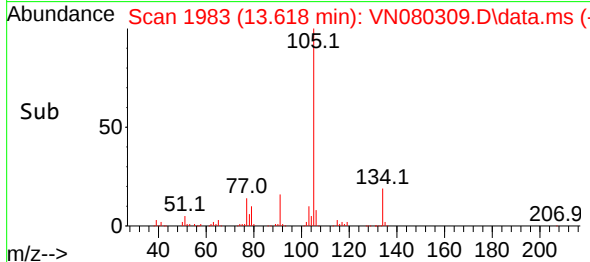
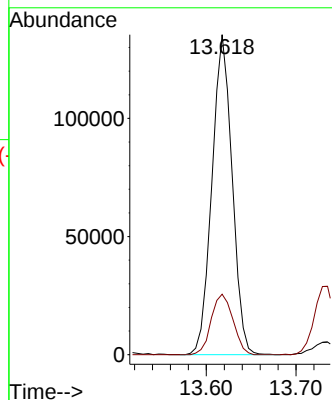
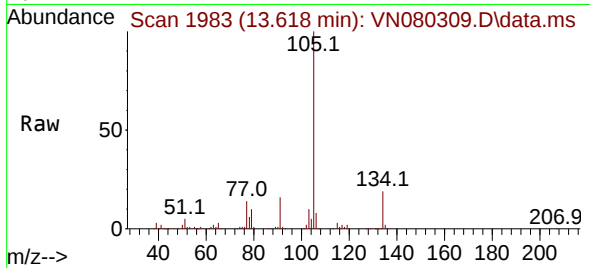
#85
 sec-Butylbenzene
 Concen: 19.577 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080309.D
 Acq: 29 Nov 2023 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBSD01

Tgt Ion:105 Resp: 21141
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3

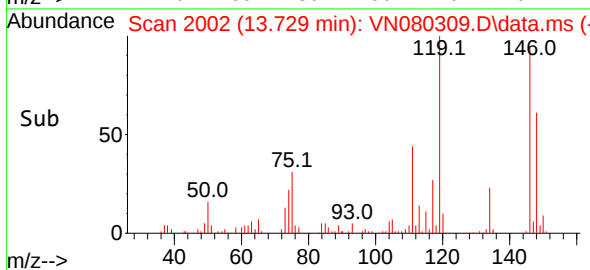
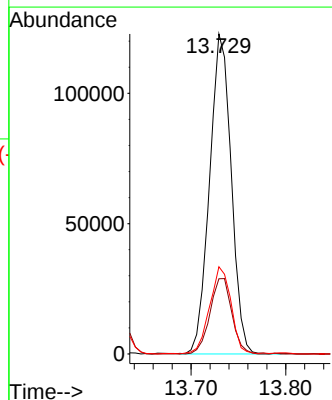
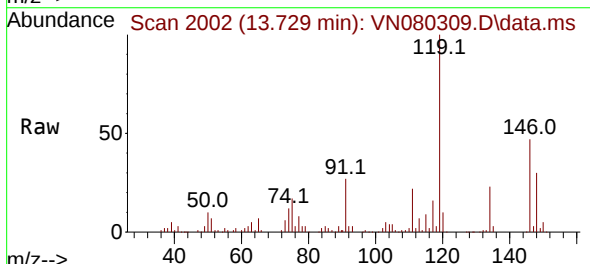
Manual Integrations
 APPROVED

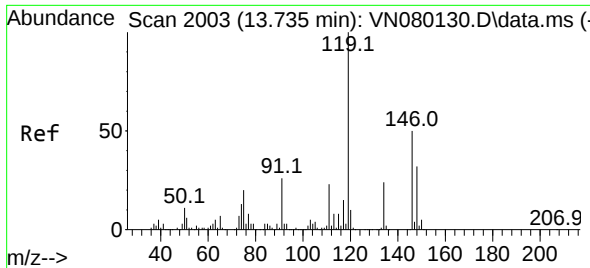
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#86
 p-Isopropyltoluene
 Concen: 20.211 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080309.D
 Acq: 29 Nov 2023 15:08

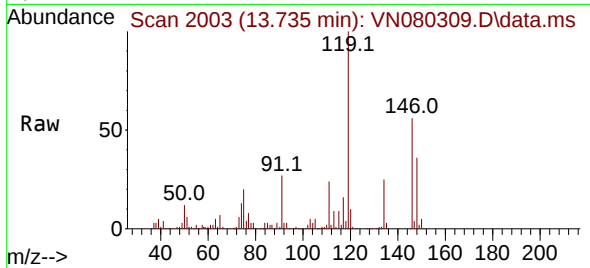
Tgt Ion:119 Resp: 194970
 Ion Ratio Lower Upper
 119 100
 134 23.8 12.6 37.8
 91 26.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.211 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

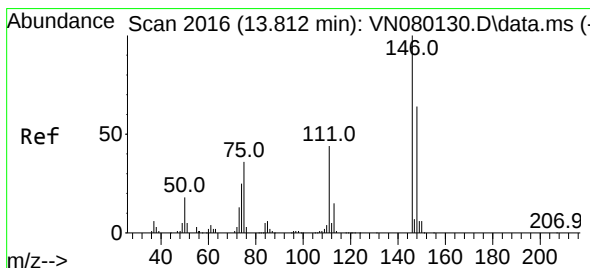
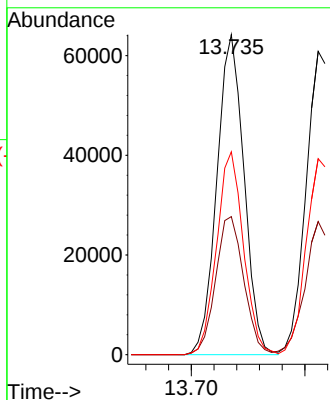
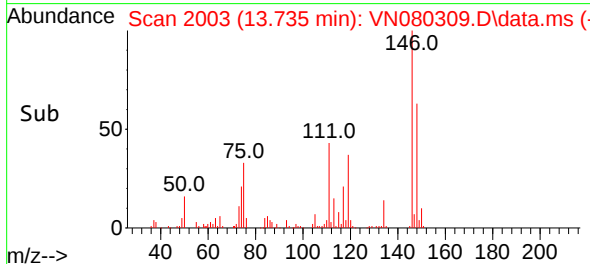
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



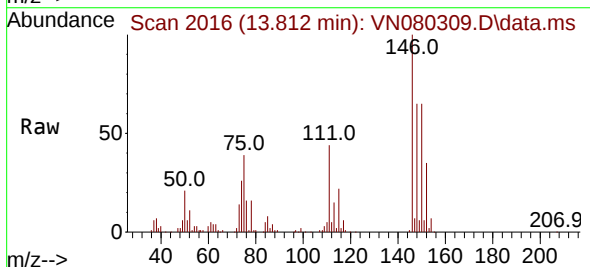
Tgt Ion:146 Resp: 106710
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.3
148 62.7 32.0 96.0

Manual Integrations
APPROVED

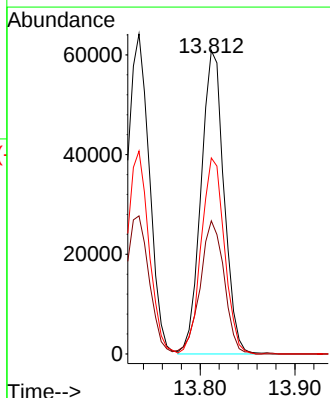
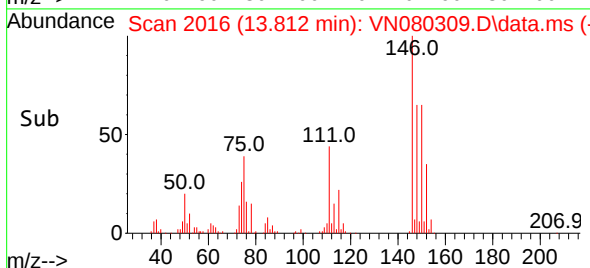
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

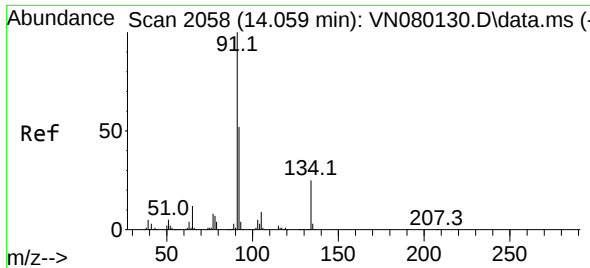


#88
1,4-Dichlorobenzene
Concen: 18.340 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08



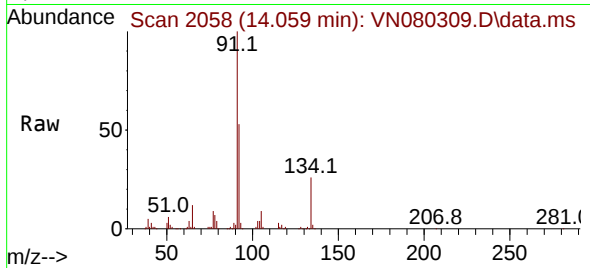
Tgt Ion:146 Resp: 102379
Ion Ratio Lower Upper
146 100
111 45.9 20.6 61.8
148 65.5 31.6 94.8





#89
n-Butylbenzene
Concen: 18.792 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

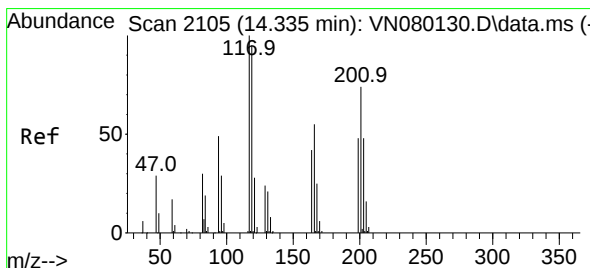
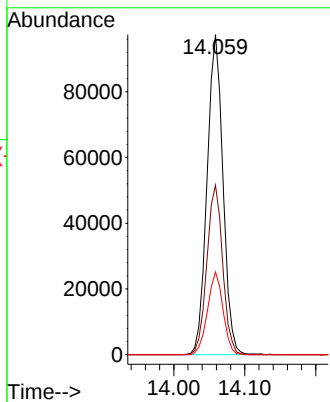
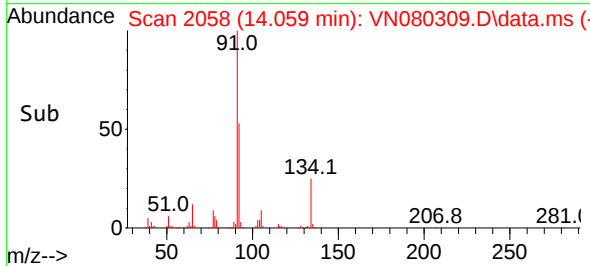
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01



Tgt Ion: 91 Resp: 151728
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.0
134 25.1 12.6 37.6

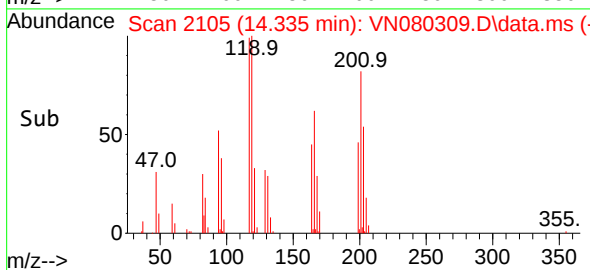
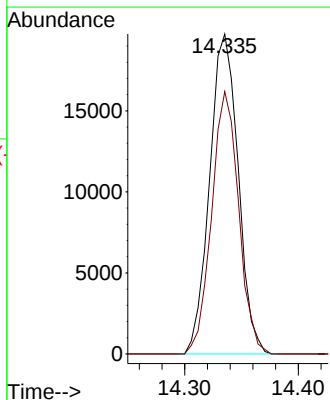
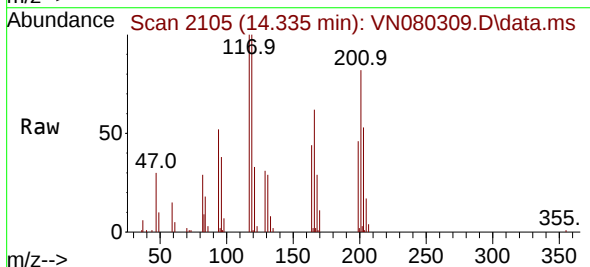
Manual Integrations
APPROVED

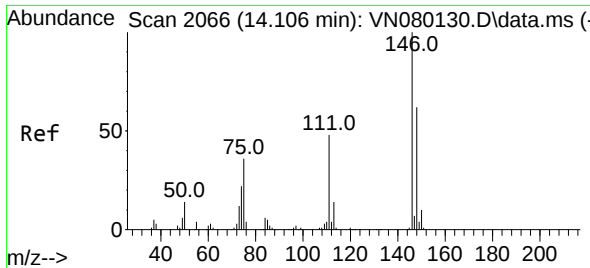
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#90
Hexachloroethane
Concen: 18.315 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion:117 Resp: 34444
Ion Ratio Lower Upper
117 100
201 77.7 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 19.028 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBSD01

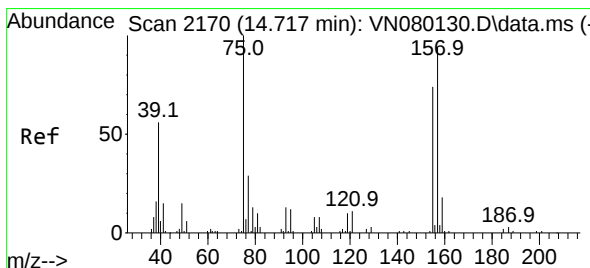
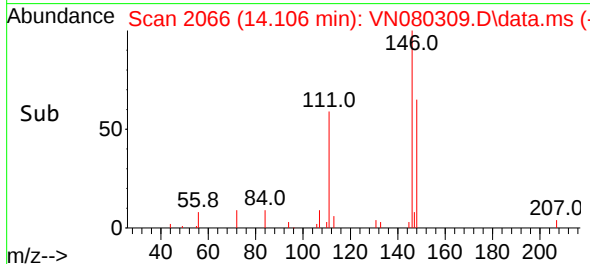
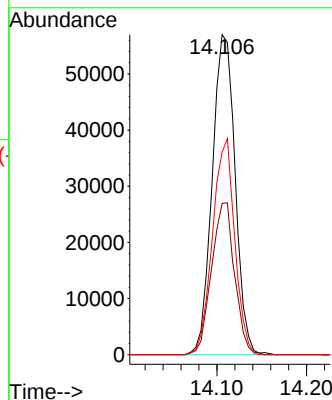
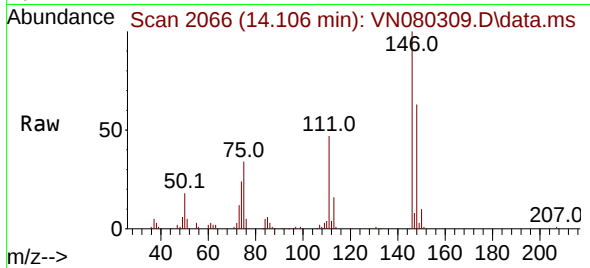
Tgt Ion:	146	Resp:	10114
Ion Ratio	Lower	Upper	
146	100		
111	47.7	22.0	66.0
148	65.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.929 ug/l

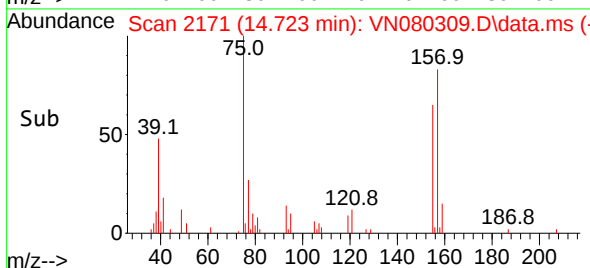
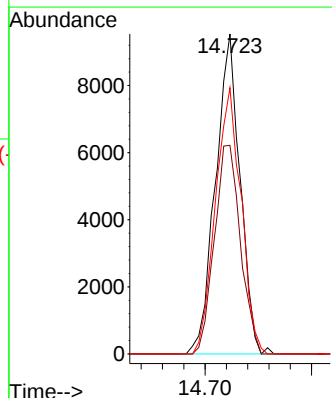
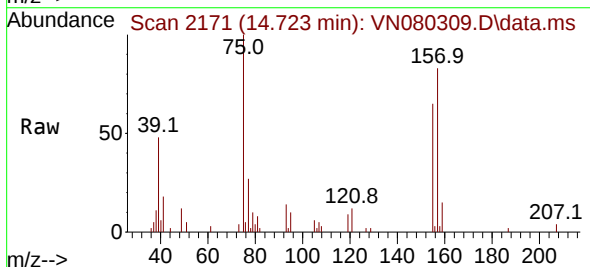
RT: 14.723 min Scan# 2171

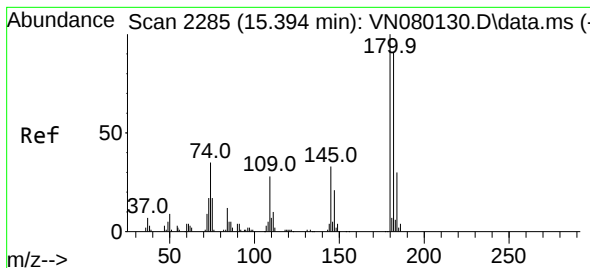
Delta R.T. 0.006 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Tgt Ion:	75	Resp:	15242
Ion Ratio	Lower	Upper	
75	100		
155	69.1	39.1	117.2
157	86.8	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.807 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBSD01

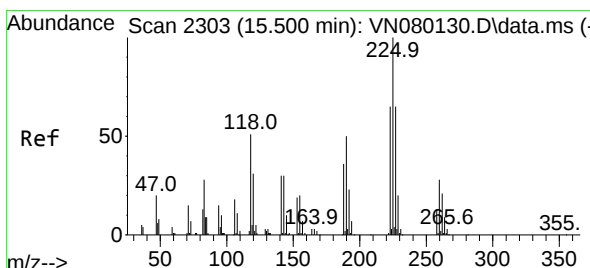
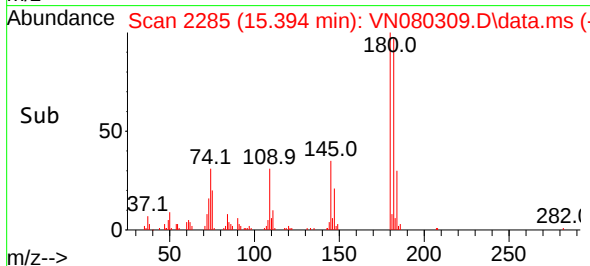
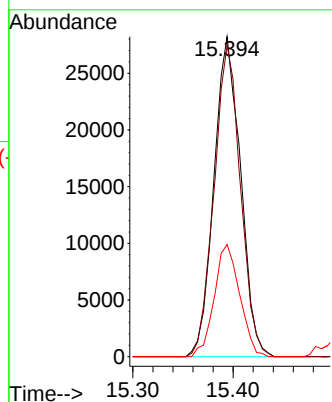
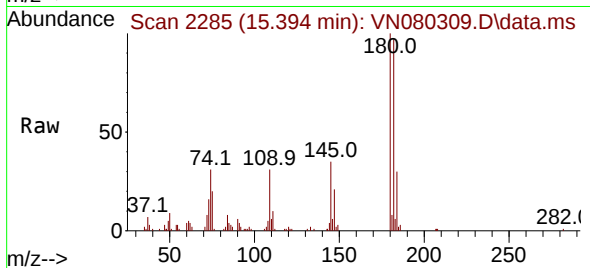
Tgt Ion:	180	Resp:	5196
Ion Ratio	Lower	Upper	
180	100		
182	96.4	46.1	138.2
145	33.5	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#94

Hexachlorobutadiene

Concen: 18.370 ug/l

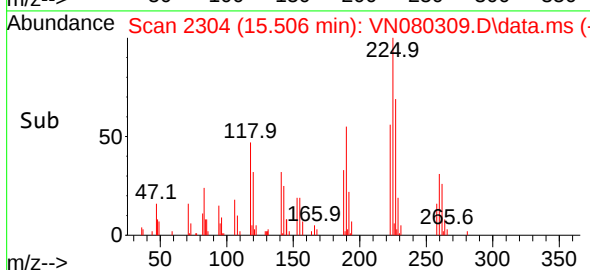
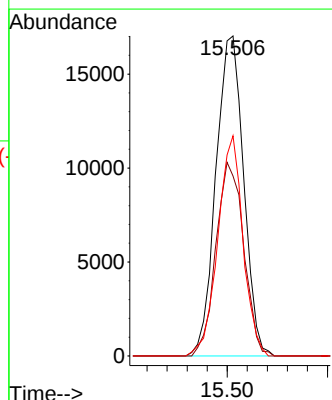
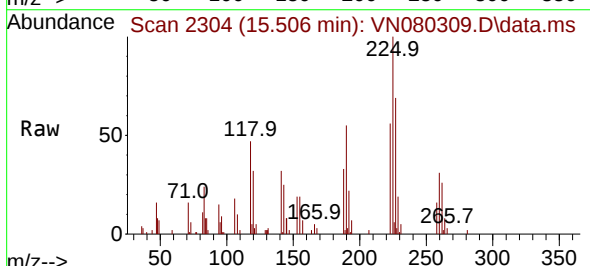
RT: 15.506 min Scan# 2304

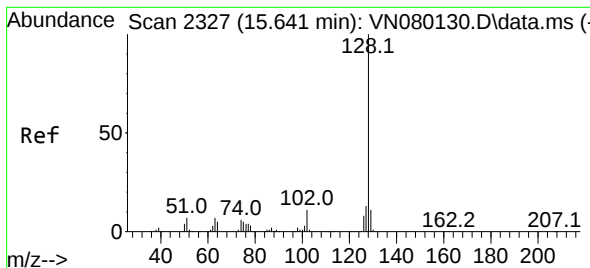
Delta R.T. 0.006 min

Lab File: VN080309.D

Acq: 29 Nov 2023 15:08

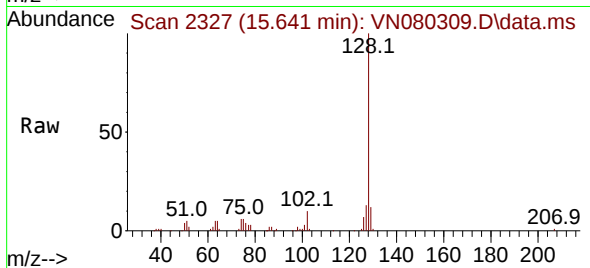
Tgt Ion:	225	Resp:	32682
Ion Ratio	Lower	Upper	
225	100		
223	60.6	31.3	93.8
227	62.4	31.9	95.9





#95
Naphthalene
Concen: 14.914 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

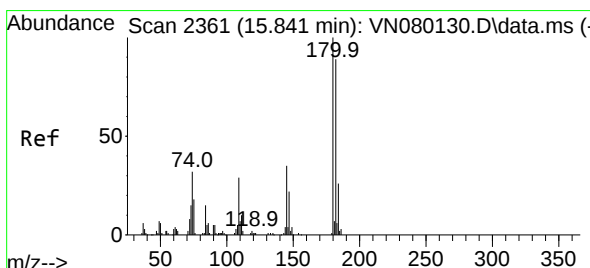
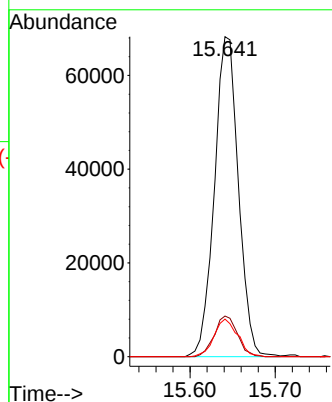
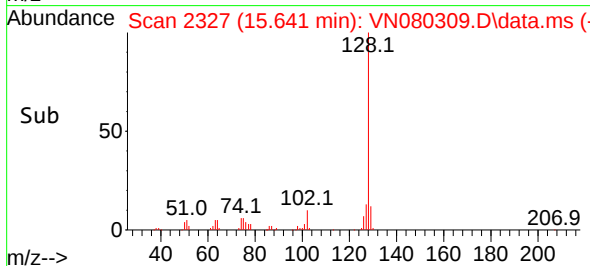
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBSD01



Tgt Ion:128 Resp: 13370
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 11.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.488 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080309.D
Acq: 29 Nov 2023 15:08

Tgt Ion:180 Resp: 47778
Ion Ratio Lower Upper
180 100
182 100.4 46.2 138.6
145 38.1 17.5 52.6

